VISTA AT A GLANCE

VERSION 4

vista-cctv.com

THE PROFESSIONAL CHOICE

ABOUT US

About Vista

Vista, the UK's best selling brand of CCTV equipment, is headquartered in Reading, UK.

Unlike other manufacturers, Vista focuses exclusively on the development of high quality, functionally rich and competitively positioned CCTV products.

Offering an unparalleled product range reflecting the brand's depth of market understanding, Vista products are sold into over 77 countries across 5 continents.

Vista customers form a wide ranging selection of highly professional installers, dedicated to ensuring successful and reliable installations in applications from retail outlets and town centres to sports stadiums and banking enterprises.

This publication aims to give you an overview of the wide range of solutions that can be found using Vista equipment. Specifically, it looks at how the quality, reliability and flexibility of the range will provide you with a CCTV installation that won't let you down.

Prices

All prices are in pounds sterling, and exclude VAT and Carriage and are applicable for countries within the European Economic area.

Validity

Prices are subject to change without notice.

Errors and Omissions

The information in this price list has been checked for accuracy. No liability will be accepted by Norbain SD Ltd for any errors or omissions in this information.

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MINIATURE & COVERT CAMERAS

MONOCHROME COVERT CAMERAS

VPIR1E	0034070	1/3", 380TVL, 1.0lux, 3.6mm pinhole lens, Dummy PIR, 12V DC, 50x65x111mm
VPIR12E	0034100	1/3", 380TVL, 1.0lux, 3.6mm pinhole lens, Dummy PIR, audio 12V DC, 50x65x111mm
VPIR123E	0034110	1/3", 380TVL, 1.0lux, 3.6mm pinhole lens, Working PIR, audio, 12V DC, 50x65x111mm

COLOUR COVERT CAMERAS

VPIR37Ce	0316890	1/4", 350TVL, 1.0lux, 3.7mm pinhole lens, Working PIR, audio, 12V DC, 49x70x110mm
VPIR1CE	0034130	1/3", 330TVL, 3.0lux, 3.6mm pinhole lens, Dummy PIR, 12V DC, 50x65x111mm
VPIR123CE	0034150	1/3", 330TVL, 3.0lux, 3.6mm pinhole lens, Working PIR, audio, 12V DC, 50x65x111mm

COLOUR TOWER CAMERAS

VTC01	0446180	1/3", 540TVL, 1.0lux, Colour Tower Camera with 2.8mm lens, 12V DC,

COLOUR BOARD CAMERAS

VMC36C	0338870	1/3", 350TVL, 0.5lux, 3.6mm, built -in mic, 12V DC, 16x36x36mm
VMC36C/P	0338880	1/3", 350TVL, 5.0lux, pin hole, 3.7mm built-in mic, 12V DC, 14x36x36mm

VTC01 TOWER CAMERA

Sensor	1/3" Colour
Resolution	540TVL
Sensitivity	1.0 Lux
Lens	2.8mm
White Balance	Auto
AGC	Auto
BLC	On
Synchronisation	Internal
Telescopic Tower	483 - 658mm height adjustment
Voltage options	12V DC
Dimensions	72.5mm x 483 - 658mm(H) x 72.5mm(D) 130mm x 130mm Base
Weight	1.1Kg

VIPR37CE

Sensor	1/3" CCD Colour
Resolution	350TVL
Sensitivity	0.5 Lux
Signal to noise ratio	> 48dB
AGC	On
Microphone	Yes
Lens	3.7mm pinhole type
Lens viewing angle	62Ð (H)
PIR detection range	100Ð with 10m (at 25ÐC)
PIR alarm output	NC/NO max loadig 30V DC, 0.5A
Lamp control load	1,250W (max)
Voltage options	12V DC, 160mA
Material	Plastic
Colour	White
Dimensions	70 x 110 x 49mm
Weight	128.5g

VTC01 TOWER CAMERA FEATURES	DESCRIPTION
Fully User Adjustable	The Tower camera can be fully adjustable, its height in increments of 2.5cm between 48 - 66cm, the lens tilting angle between -10˚ and +10˚, while the base can be panned from -45˚ to +45˚. This allows the camera to be adjusted to suit most locations where tellers are at work.
Wide Angle 2.8mm Lens	The camera's wide angle 78˚ lens assures the operator that nothing can be missed during a transaction.

MINIATURE & COVERT CAMERAS

VMC RANGE

Sensor	1/3" CCD
Resolution	350TVL
Sensitivity	0.5Lux
Signal to noise ratio	> 48dB
AGC	On
Microphone	Yes
Lens	3.6mm f2.0 (3.7mm pinhole type)
Lens viewing angle	60Đ (H), (62Đ (H) pinhole type)
Voltage options	12V DC, 160mA
Material	Plastic
Colour	Black
Dimensions	36 x 15.9 x 36mm (36 x 14.1 x 36mm pinhole)
Weight	53g

VPIR1 RANGE

Sensor	1/3" CCD
Resolution	330TVL (colour), 380TVL (monochrome)
Sensitivity	3.0Lux (colour), 1.0Lux (monochrome)
Singnal to noise ratio	> 45dB
AGC	On
Microphone	Yes (VPIR12X options only)
Lens	3.7mm pinhole type
Lens viewing angle	62Đ (H)
Voltage options	12V DC, 160mA
Material	Plastic
Colour	White
Dimensions	65 x 111 x 50mm
Weight	130g

VMC36

VPIR37Ce

VPIR1XXX

VTC01

VFD RANGE OF DOMES

DUMMY FIXED DOMES

VFD36DD	0340600	Dummy VFD36C (not HR) dome, black case, smoked bubble, 100x57.7mm
VFD-3V9W-D	0393780	Dummy VFD3V9/4V9 dome, white case, smoked bubble, black liner, 100x80mm
VFD-3V9B-D	0393770	Dummy VFD3V9/4V9 dome, black case, smoked bubble, black liner, 100x80mm

FIXED DOME ACCESSORIES

VFD-WBBe	0444940	Wall bracket for VFD3V9CM domes (black)
VFD-WBWe	0444930	Wall bracket for VFD3V9CM domes (white)
VFD-/VIRDLEAD	0444220	Service lead for VIRD and VFD3V9CM domes
VVRD-540LEAD	0445590	Service lead for connect VVRD-540 domes
VFD/VIRD3V9QFIX	0393920	Quick Fix adapter for the VFD3V9CM, C, M and VIRD Domes

MONOCHROME FIXED DOMES

VFD4V9M-570	0393760	1/3", 570TVL, 0.25lux, 4-9mm, DD, black case, clear bubble, black liner, 12V DC, 100x80mm

COLOUR FIXED DOMES

VFD36C/HR	0338850	1/3", 480TVL, 1.2lux, 3.6mm lens, Colour, Ceiling/Wall, colour mini dome, 12V DC, 87x81mm
VFD36C	0338860	1/4", 320TVL, 2.0lux, 3.6mm lens, Colour, Ceiling/Wall, colour mini dome, 12V DC, 87x57mm
VFD4V9C-500	0445230	1/3", 500TVL, 1.2lux, 4-9mm, Colour, 3-Axis, DD, black case, clear bubble, black liner, 12V DC, 100x80mm
VFD3V9CM-540BCB	0393750	1/3", 540TVL, 0.65 lux, 3-9mm, Colour/Mono, 3-Axis, DD, service jack, black case, clear bubble, black liner, 12V DC, 100x80mm
VFD3V9CM-540BSB	0393740	1/3", 540TVL, 0.65 lux, 3-9mm, Colour/Mono, 3-Axis, DD, service jack, black case, smoked bubble, black liner, 12V DC, 100x80mm
VFD3V9CM-540WSB	0393730	1/3", 540TVL, 0.65 lux, 3-9mm, Colour/Mono, 3-Axis, DD, service jack, white case, smoked bubble, black liner, 12V DC, 100x80mm
VFD3V9CM-540WCW	0393720	1/3", 540TVL, 0.65 lux, 3-9mm, Colour/Mono, 3-Axis, DD, service jack, white case, clear bubble, white liner, 12V DC, 100x80mm
VFD9V22CM-540BSB	0445290	1/3", 540TVL, 0.65lux, 9-22mm, Colour/Mono, 3-Axis, DD, service jack, black case, smoked bubble, black liner, 12V DC, 100x80mm
VFD9V22CM-540WCW	0445300	1/3", 540TVL, 0.65lux, 9-22mm, Colour/Mono, 3-Axis, DD, service jack, white case, clear bubble, white liner, 12V DC, 100x80mm
VFD3V12DN-540WCW	0446510	1/3", 540/580TVL, 0.65/0.25lux, 3.3-12mm, Day/Night, 3-Axis, DD, service jack, white case, clear bubble, white liner, 12V DC, 100x80mm
VFD3V12DN-540BSB	0446520	1/3", 540/580TVL, 0.65/0.25lux, 3.3-12mm, Day/Night, 3-Axis, DD, service jack, black c smoked bubble, black liner, 12V DC, 100x80mm

VFD DOMES

VFD FEATURES	DESCRIPTION
540TVL colour/monochrome images with colour killer function	Achieve high-resolution colour images during the day and clean monochrome images at night whilst also saving disk space on HDDs and modern DVRs, due to the noise being removed in monochrome mode.
3-Axis gimble mount and inner liner	This improved mechanism allows for a finer adjustment to ensure pin-point accuracy while the simple clip-on liner makes installation simple and hides the direct view of the camera.
Service jack connection	The service jack allows the installer to make fine zoom and focus adjustments local to the camera without having to find and disconnect the installed video cable that is usually maintained above the ceiling.
Selection of colour options and secure lower bubble	Units are available with a black or white bases with clear, smoked or chrome (VFD series only) bubbles, all of which are securely fastened against tampering.
Extended cable with removable terminal connector for power	A 750mm cable with quick fit power connector and BNC plug allows for simple installation for virtually all applications.
Flickerless	The flickerless control takes into account the cycling process of the light sources and adjusts the colour, gain, electronic shutter control and white tracking balance to produce a correct colour picture.
Phase adjustment	This allows installers to prevent issues such as picture rolling, a problem often associated with differing power sources.

VFD RANGE FEATURES	DESCRIPTION
Day/Night option	Because the camera is fitted with a moving IR filter, it provides high-quality colour images during the day and increased sensitivity during the night. It is fully IR sensitive so can be used with covert IR lighting.
Four choices' of lens sizes	The range offers the installer 4 choices of lens. 4 - 9mm, 3 - 9mm, 3.3 - 12mm, 9 - 22mm covering angles from 14.1° to 58.2°.
500TVL	There is a "Low" resolution model in the range of only 500TVL, offering high quality images at a budget price.

VFD SPECIFICATION

Sensor	1/3" CCD
Resolution	540TVL
Colour/Monochrome	Auto / Mono
Lens	3 - 9mm Direct Drive
Set up Via	Dip-switches
Flickerless	On/Off
Service plug	On all versions (Not 500 & 570TVL options)
White Balance	Auto / Extended 2,700K- 11,000K 2,000K - 18,000K
AGC	Normal/Extended
BLC	On/Off

VFD SERIES ADDITIONAL SPECIFICATIONS

Sensitivity	0.65/0.25Lux D/N, 0.65Lux C/M 1.2Lux Col, 0.2Lux Mono
Day / Night	Auto / Manual
Lens	3.3 - 12mm Direct Drive 9 - 22mm Direct Drive
Voltage options	12V DC

VFD-WSB

VFD-BCB

VFD-WSW

VFD/VIRD3V9QFIX

VFD36 RANGE

VFDA RANGE OF DOMES

DUMMY FIXED DOMES

VFDA-B-D	0445850	Dummy VFDA3V9/4V9 dome, black case, smoked bubble, black liner, 100x80mm
VFDA-W-D	0445860	Dummy VFDA3V9/4V9 dome, white case, smoked bubble, black liner, 100x80mm

FIXED DOME ACCESSORIES

VFDA-WBB		Wall bracket for VFDA3V9CM domes (black)
VFDA-WBW		Wall bracket for VFDA3V9CM domes (white)
VFD-/VIRDLEAD	0444220	Service lead for VIRD and VFD3V9CM domes
VFD/VIRD3V9QFIX	0393920	Quick Fix adapter for the VFD3V9CM, C, M and VIRD Domes

COLOUR FIXED DOMES

VFDA3V9CM-BSB/TP	0445350	1/3", 540TVL, 0.65lux, 3-9mm, 3-Axis, DD, service jack, UTP Video, black case, smoked bubble, black liner, 12/24V, 120x105mm
VFDA3V9CM-WCW/TP	0445360	1/3", 540TVL, 0.65lux, 3-9mm, 3-Axis, DD, service jack, UTP Video, white case, clear bubble, black liner, 12/24V, 120x105mm
VFDA3V9WDR-BSB	0445330	1/3", 504TVL, 0.42lux, 3-9mm, 3-Axis, DD, service jack, OSD, black case, smoked bubble, black liner, 12/24V, 120x105mm
VFDA3V9WDR-WCW	0445340	1/3", 504TVL, 0.42lux, 3-9mm, 3-Axis, DD, service jack, OSD, white case, clear bubble, black liner, 12/24V, 120x105mm
VFDA3V9CM-BSB	0445320	1/3", 540TVL, 0.65lux, 3-9mm, 3-Axis, DD, service jack, black case, smoked bubble, black liner, 12/24V, 120x105mm
VFDA3V9CM-WCW	0445310	1/3", 540TVL, 0.65lux, 3-9mm, 3-Axis, DD, service jack, white case, clear bubble, black liner, 12/24V, 120x105mm

VFDA RANGE FEATURES	DESCRIPTION
UTP Video Option with VFDA Series	Option for a balanced video output via NVT compatible twisted pair allows product to be used in structured cabled systems.
Pixim Orca Sensor WDR option with VFDA Series	Produces excellent images in high-contrast environments, creating clear, sharp images in both bright and poorly lit areas.
Wide Ranging Power Supply	An auto-sensing 12/24V power supply provides greater flexibility in areas of use.

VFDA SPECIFICATION

UTP	NVT Compatible TP options only
Voltage options	12/24V
WDR Option	Pixim

VFDA WDR SPECIFICATION

Resolution	504TVL
Sensitivity	0.42Lux
Set up Via	OSD
BLC	4 zones
WDR	Up to 120dB
White balance	AWB/AWT/Manual
Digital Zoom	x 2
Image Flip	Yes

VFDA DOMES

VFDA-BCB

VFDA-WSW

VFD/VIRD3V9QFIX

VFD/VIRD LEAD

VIRD DOMES

VIRD RANGE OF IMPACT RESISTANT

VIRD3V9CM-540	0393790	1/3", 540TVL, Ceiling/Wall, 0.65lux, 3.8-9.5mm, 3-Axis, DD, 12/24V, 135.8x93mm
VIRD3V12DN-540	0446490	1/3", 540TVL, Ceiling/Wall, 0.65lux, 3.3-12mm, 3-Axis, DD, 12/24V, 135.8x93mm
VIRD9V22DN-540	0393810	1/3", 540TVL, Ceiling/Wall, 0.65lux, 9-22mm, 3-Axis, DD, 12/24V, 135.8x93mm
VIRD3V12DN/WDR	0446500	1/3", 504TVL, Ceiling/Wall, PIXIM, 1.75/0.9 lux, 3.3-12mm, 3-Axis, DD, OSD, 12/24V, 135.8x93mm
VFD/VIRD3V9QFIX	0393920	Quick Fix adapter for the VFD3V9CM, C, M and VIRD Domes

VIRD RANGE FEATURES	DESCRIPTION
High-Performance 1/3" SuperHAD CCD	The camera offers 540TVL (colour) and 580TVL (monochrome) resolution, outperforming 480TVL alternatives by up to 13%.
Day/Night operation D/N option only	Because the camera is fitted with a moving IR filter, it provides high-quality colour images during the day and increased sensitivity during the night. It is fully IR sensitive so can be used with covert IR lighting.
Day/Night external switching input D/N option only	This external input forces the camera into night-time mode, ensuring zero hunting and entirely accurate day/night operation, fully integrating with Vista VIRP range of lighting products.
Colour/Mono operation C/M option only	The colour signal is removed in low-light conditions to provide a clean monochrome image, removing all AGC noise and providing a far more pleasing image.
Pixim Orca Sensor WDR option	Produces excellent images in high-contrast environments, creating clear, sharp images in both bright and poorly lit areas.
Manual white balance mode	Allows the installer to correct colour irregularities caused by multiple light sources.
Three choices' of lens sizes	The range offers the installer 3 choices of lens. 3 - 9mm, 3 - 12mm & 9 - 22mm covering angles from 14.1° to 58.2°.
Service monitor connection	A test monitor output connection allows the installer to fully set-up the dome without disturbing the pre-installed video cable.
Impact resistant	Manufactured from toughened plastic domes, that will withstand the impact of a force of 20 joules. IP669.
Wide ranging power supply	An auto-sensing 12/24V power supply provides greater flexibility in areas of use.

VIRD RANGE SPECIFICATION

Sensor	1/3" CCD
Resolution	540TVL
Sensitivity	0.65/0.25Lux D/N, 0.65Lux C/M
Day / Night	Auto / Monochrome
Lens	3 - 9mm, 3.3 - 12mm, 9 - 22mm Direct Drive
Set up Via	Dip-switches
Service plug	On all versions
White Balance	Auto / Extended 2,500K - 11,000K, 2,000K - 18,000K
AGC	Normal / Extended
BLC	On/Off
IP	IP669
Synchronisation	Line Lock & Internal
Voltage options	12/24V

VIRD/WDR SPECIFICATION

Resolution	504TVL
Sensitivity	0.42Lux
Set up Via	OSD
BLC	4 zones
WDR	Up to 120dB
White balance	AWB/AWT/Manual
Digital Zoom	x 2
Image Flip	Yes

VIRD DOMES

VIRD-540

VIRD-540

VFD/VIRD3V9QFIX

VFD/VIRD LEAD

VVRD DOMES

VVRD36 FIXED VANDAL RESISTANT DOMES

VVRD36C	0352390	1/3", 330TVL, Ceiling/Wall, 0.5lux, 3.6mm EI lens, 12V DC, 93.4x69mm
VVRD36C-540	0352400	1/3", 540TVL, Ceiling/Wall, 1.0lux, 3.6mm EI lens, 12V DC, 93.4x69mm

VVRD-580 MONOCHROME FIXED VANDAL RESISTANT DOMES

VVRD4V9M-3A	0290640	1/3", 580TVL, Ceiling/Wall, 1.2lux, 4-9mm, 3-Axis, DD Lens, 12V, 149x107mm
VVRD4V9M-LP-3A	0290690	1/3", 580TVL, Ceiling/Wall, 1.2lux, 4-9mm 3-Axis, DD Lens, 12V, 120 x 91.5mm
VVRDF4V9M-3A	0290670	1/3", 580TVL, Ceiling/Wall, 1.2lux, 4-9mm 3-Axis, DD Lens, Flush 12V, 120 x 91.5mm
VVRCW4V9M/HR	0098580	1/3", 580TVL, Ceiling Wedge, 1.2lux, 4-9mm DD Lens, 172x103x92mm
VVRCM4V9M/HR	0098570	1/3", 580TVL, Corner Mount, 1.2lux, 4-9mm DD Lens, 124.2x104.6x120mm
VVRWM36M/HR	0098610	1/3", 580TVL, Wall Mount, 1.2lux, 3.6mm fixed Iris, 12V, 79.8x104.6x120mm

VVRD-540 RANGE OF VANDAL RESISTANT DOMES

VVRD4V9CM-540	0442560	1/3", 540TVL, Ceiling/Wall, 0.6lux, 4-9mm OSD, DD lens, 3Axis 12/24V, 149x107mm
VVRD4V9CM-540/B	0442570	1/3", 540TVL, Ceiling/Wall, 0.6lux, 4-9mm OSD, DD lens, 3Axis 12/24V, 149x107mm black
VVRD2V6CM-540	0442580	1/3", 540TVL, Ceiling/Wall, 0.6lux, 2.6-6mm OSD, DD lens, 3-Axis,12/24V, 149x107mm
VVRD4V9CM-LP-540	0442590	1/3", 540TVL, Ceiling/Wall, 0.6lux, 4-9mm OSD, DD lens, 3-Axis, 12/24V, 120x91.5mm
VVRDF4V9CM-540	0442600	1/3", 540TVL, Ceiling/Wall, 0.6lux, 4-9mm OSD, DD lens, 3-Axis, Flush, 12/24V, 120x91.5mm
VVRD4V9DN-540	0442650	1/3", 540TVL, Ceiling/Wall, 0.5/0.04lux, OSD, Clear 4-9mm, 3-Axis DD Lens, 12/24V, 149x107mm
VVRD4V9DN-540/B	0442660	1/3", 540TVL, Ceiling/Wall, 0.5/0.04lux, OSD, Clear 4-9mm, 3-Axis, DD Lens, 12/24V, 149x107mm black
VVRD2V6DN-540	0442670	1/3", 540TVL, Ceiling/Wall, 0.5/0.04lux, OSD, Clear 2.6-6mm, 3-Axis, DD Lens, 12/24V, 149x107mm
VVRDF4V9DN-540	0442680	1/3", 540TVL, Ceiling/Wall, 0.5/0.04lux, OSD, Clear 4-9mm, 3-Axis, DD Lens, 12/24V, Flush 120x91.5mm
VVRD4V9DNLED-540	0442690	1/3", 540TVL, Ceiling/Wall, 0.5/0.04lux, OSD, Clear 4-9mm, 3-Axis, DD Lens, 23 x LEDs 12/24V, 149x107mm
VVRD2V6DNLED-540	0442700	1/3", 540TVL, Ceiling/Wall, 0.5/0.04lux, OSD, Clear 2.6-6mm, 3-Axis, DD Lens, 23 x LEDs 12/24V, 149x107mm
VVRD22X-DN	0363550	1/4", 480TVL, Ceiling/Wall, 0.5/0.04lux, OSD, Clear, 3.9-85.8mm, 3-Axis, DD Lens, 12/24V RS485 control 155x130mm
VVRD4V9DN/WDR	0442710	1/3", 480TVL, Ceiling/Wall, WDR 0.5/0.04lux, OSD Clear 2.6-6mm, 3-Axis, DD Lens, 12/24V, 149x108mm

VANDAL RESISTANT 580TVL, MONOCHROME & 540TVL, RANGE OF HOUSED CAMERAS

VVRCW4V9CM-540	0442610	1/3", 540TVL, 2 Axis, Ceiling Wedge, 0.5lux, DD, OSD, Clear, 4-9mm, 12/24V, 172x103x92mm
VVRCM4V9CM-540	0442620	1/3", 540TVL, 2 Axis, Corner Mount, 0.5lux, DD, OSD, Clear, 4-9mm, 12/24V, 124.2x104.6x120mm
VVRCW4V9DN-540	0442630	1/3", 540TVL, 2 Axis, Ceiling Wedge, 0.5/0.01 lux, DD, OSD, Clear, 4-9mm, 12/24V, 172x103x92mm
VVRWM36C	0093500	1/3", 480TVL, Wall Mount, 2.8lux, FI, Clear, 3.6mm, 12V DC, 179.8x104.6x120mm

VVRD-540 RANGE INCLUDING VVRCM/VVRCW FEATURES	DESCRIPTION
High-Performance 1/3" SuperHAD CCD	The camera offers 540TVL (colour) and 580TVL (monochrome) resolution, outperforming 480TVL alternatives by up to 13%.
Day/Night operation D/N option only	Because the camera is fitted with a moving IR filter, it provides high-quality colour images during the day and increased sensitivity during the night. It is fully IR sensitive so can be used with covert IR lighting.
Day/Night external switching input D/N option only	This external input forces the camera into night-time mode, ensuring zero hunting and entirely accurate day/night operation, fully integrating with Vista VIRP range of lighting products.
Colour/Mono operation C/M option only	The colour signal is removed in low light conditions to provide a clean monochrome image, removing all AGC noise and providing a far more pleasing image.
23 x 850nM internal LEDs LED option only	Provide discrete illumination (0 lux) up to a distance of 25m (dependent on reflective scene content).
Resolves difficult and challenging lighting conditions	Manual and automatic settings for both electronic shutter speeds and white balance modes enable the installer to adjust the camera and ensure correctly balanced images.
Protecting sensitive and personal information	4 user-selectable privacy zones ensure that personal and sensitive information remains protected.
Service monitor connection	A test monitor output connection allows the installer to fully set-up the dome without disturbing the pre-installed video cable.
Multiple colour to monochrome switching points	With 18 user-selectable automatic switching points the installer can ensure that the camera switches at the correct lighting levels.
Sens up	Allows the camera to combine consecutive field of video to provide clearer images in low light conditions.

VVRD-540LED

VVRD-540B

VVRD DOMES

VANDAL RESISTANT FIXED DOME BRACKETS/ACCESSORIES

VVRD-540LEAD	0445590	Service lead for VVRD-540 domes
VPDL-WM/PSU	0442910	Wall bracket for VPDL-5WP-P-C dome with built-in 24V AC PSU
VVRD540HTR	0444920	Heater for VVRD4V9C, DN & VVR4V9C-LP, 540TVL, dome, 24V AC
VFD/VIRD3V9QFIX	0393920	Quick Fix adapter for the VFD3V9CM, C, M and VIRD Domes
VVRD-WB	0098620	Wall bracket for VVRD-540 domes
VVRD-WB/B	0325320	Wall bracket for VVRD-540 domes Black
VVRD-PB	0098630	Pendant bracket for VVRD-540 domes

VVRD-540 RANGE - SPECIFICATION

Sensor	1/3" SuperHAD CCD
Resolution	540/580TVL D/N, 540TVL C/M
Sensitivity	0.5/0.04Lux D/N, 0.5Lux C/M
Day/Night operation	Auto/Day/Night (Ext D/N option only)
Lens	4 - 9mm & 2.6 - 6mm
Set up Via	OSD menu
Switching levels	18 levels
Service plug	Connection
White Balance	ATW AWC/Manual
Privacy zones	ON/OFF 4 privacy zones
Waterproofing	IP669
Voltage options	12/24V

VVRD

VVRCW

VVRWM

VVRDF

VVRCM

VVRD-LP

VVRD DOMES & BRACKETS

VVRD36 RANGE - FEATURES	DESCRIPTION
Easy to fit and install	The dome is a complete camera unit, combining the camera, lens and housing.
Up to 540TVL	The range includes a 540TVL option that delivers exceptional image quality.
3-Axis gimble	Allows the dome to be both ceiling and wall mounted looking at the desired angles and locations.
3.6mm lens	The dome can see a wide area covering 63º.
Vandal resistant housing	The robust housing allows for the installation of the dome in vulnerable areas that are prone to attach or vandalism.
Secure locking mechanism	The secure mechanism will prevent unwarranted tampering.

Wall Mount
VVRD-WB 0098620 RAL 7035
VVRD-WB/B 0325320 BLACK

Fixed Pendant Mount
VVRD-PB 0098630 RAL 7035
VVRD-PB/B 0342620 BLACK

VVRD-540 LEAD
(1m not to scale)

VDM-EPMAe

Corner Mount
VDM-CMAE 0310250 IN RAL 7035

VDM-TML

VPDL-WB/PSU

VVRD-36

BULLET CAMERA RANGE STANDARD

MONOCHROME BULLET CAMERAS

VSBMC36	0095710	1/3", 380TVL, 0.05lux, 3.6mm, EI ,12V DC, 78x23mm
VSBMC4V8	0095660	1/3", 380TVL, 0.02lux, 4.0-8.0mm, EI, 12V DC, 110x40mm
VBC4V8M	0324070	1/3", 580TVL, 0.02lux, 4.0-8.0mm, EI, 12V DC, 110x40mm

COLOUR BULLET CAMERAS

VSBCC36	0095720	1/3", 330TVL, 2.0lux, 3.6mm, EI, 12V DC, 78x23mm
VSBCC4V8	0095730	1/3", 330TVL, 1.0lux, 4.0-8.0mm, EI, 12V DC, 110x37mm
VBC4V8C	0324080	1/3", 480TVL, 1.0lux, 4.0-8.0mm, EI, 12V DC, 110x37mm

STANDARD RANGE FEATURES	DESCRIPTION
Ready for installation	The camera is a complete unit, combining the camera, lens and housing.
Weatherproof to IP66	The cameras are manufactured to IP66, making them resilient to water ingress from direct water jets and suitable for outdoor use.
Varifocal options	Available in both the standard and high-resolution models ensuring the correct field of view is achieved.
Simple installation	The range comes with a built-in fly lead with moulded BNC and 2.1mm phono plug making installation quick and easy.
Small and discreet	The modern design and appearance lends the camera for use in a range of style conscious applications.

VSBMC4V8 - VBC4V8M - VSBCC4V8 - VBC4V8C

VSBMC36 - VSBCC36

BULLET CAMERA LED RANGE

LED BULLET CAMERAS

VSBMC6/LED	0095680	1/3", 380TVL, 6.0mm, 6LEDs 5m, EI, 12V DC, 87x26mm
VSBCMC6/LED	0095670	1/3", 330TVL, 6.0mm, 6LEDs 5m, EI, 12V DC, 87x26mm
VBC36CLEDe	0443360	1/4", 350TVL, 3.6mm, 24LEDs, 15m, EI, 12V DC, 100x65mm

VSBMC6/LED

VBC36C/LEDe

LED RANGE FEATURES	DESCRIPTION
Built-In 850nM LED's	Providing covert illumination up to 15m distance (dependant upon model) and use up to 5 times less power than standard halogen lamps, allowing for low running costs and an environmentally friendly solution to lighting.
Ready for installation	The camera is a complete unit, combining the camera, lens and housing.
Weatherproof casing	Cameras are protected against dust ingress and either strong jets of water (IP66) or direct submersion in water (IP68), depending on model.
Multiple mounting points	The multiple mounting points allow for top or bottom mounting via wall or ceiling.
Maintains colour 24hrs a day (VBC36CLEDe only)	This camera takes advantage of the many sites that have additional site lighting, by maintaining its colour properties despite low light conditions and so allow the operators to distinguish an objects colour and not just the objects themselves.
Wide and standard angle lens	The 3.6mm and 6mm lenses allows for the camera to view either a wide 62° or 42° angles of view.

BULLET CAMERA D/N RANGE

DAY/NIGHT BULLET CAMERAS

VBC6-DN/LR	0371110	1/3", 470TVL, 6mm, 102LEDs 40m 24V AC 137 x 250 x 114mm Silver case
VBC12-DN/LR	0371120	1/3", 470TVL, 12mm, 102LEDs 50m 24V AC 137 x 250 x 114mm Silver case
VBC4V9DN/LRe	0445380	1/3", 470TVL, 4-9mm, 52LEDs 30m 12V DC 145 x 92 x 88mm
VBC4V9H-DN/L	0236110	1/3", 470TVL, 3.8-9.5mm, 18LEDs, F1.3 DD lens 12V DC, 145x60mm
VBC4V9H-DN/BL	0294120	1/3", 470TVL, 3.8-9.5mm, 18LEDs, F1.3 DD lens, 12V DC, 145x60mm Black
VBC2V6H-DN/L	0236100	1/3", 470TVL, 2.5-6mm, 18LEDs, F1.3 DD lens, 12V DC, 145x60mm

VBC6-12LED RANGE FEATURES	DESCRIPTION
Longer effective illumination with upto 50m coverage	Large areas can now viewed 24/7 and not just the immediate vicinity, this gives the installer greater scope for installation with both time and cost savings.
Smart light control	This excellent feature uses an "Image Comparison" method to judge the intensity of the IR LEDs. It ensures that the illumination of distant images matches that of the illumination of closer ones without the problem of whiting out due to over-exposure.
Extended LED life	Due to the effective intensity control and design of the LEDs, the cameras running costs are reduced and operational life extended.
IR corrected lens for 24-hour surveillance	At night, IR light uses a narrower frequency of light to day light, because of this the focal length changes. Cameras using standard lenses will not be able to give correctly focussed images both during the day and at night where only IR light is used. These cameras however, use an IR corrected lens that bends the light from the Infra Red source is to the same point as daylight.
Ready for installation	The camera is a complete unit, combining the camera, lens and housing.

VBC6 &12 DN/LR 102X LED UPTO 50M

VBC6-12LED SPECIFICATION

Effective Range	Up to 50m
Waterproof	Built to meet IP67
Bracket	Semi-Cable Managed
Resolution	470TVL
Long Life LEDs	Smart Light Control with
Lens type	IR Corrected Lens
Lens options	6mm & 12mm options
Thermal Conductive	Excellent Cooling Performance case Design
Power Supply	24V AC

BULLET CAMERA D/N RANGE

DAY/NIGHT RANGE FEATURES	DESCRIPTION
Ready for installation	The camera is a complete unit, combining the camera, lens and housing.
Weatherproof to IP67	The cameras are manufactured to IP67, making them resilient to water ingress from direct water jets and suitable for outdoor use.
Built to meet IP67	Designed with total protection from dust and immersion in 1m of water for up to 30 minutes
Simple installation	The range comes with a built-in fly lead with moulded BNC and 2.1mm phono plug making installation quick and easy.
Moving IR filter	Delivers true day/night operation, enhancing colour images during the day whilst delivering clear monochrome images under low light and/or IR illumination at night.
Integrated infra-red LED's	18 integrated LED's @ 850nM provide illumination up to 20m, yet the lamps glow is discreet to the human eye.

VBC4V9DN & VBC2V6DN
in RAL7035 18X LED 20M

VBC4V9DN & VBC2V6DN
in Black 18X LED 20M

VBC4V9DN/LRe FEATURES	DESCRIPTION
High-Performance 1/3" SuperHAD CCD	The camera offers 540TVL (colour) and 580TVL (monochrome) resolution, outperforming 480TVL alternatives by up to 13%.
Twin glass prevents reflection	Unlike many other cameras with built-in LEDs, dual glass construction prevents reflection within the glass inner surface, thus preventing image disgradation
True day/night images	Sharp, colour images are achieved during the day and high-quality monochrome images are achievable at night thanks to the integrated IR illumination, covering upto 35m.
External focus and manual zoom adjustments	External mounting adjustment points ensures that water and dust ingress does not occur as the case is not opened.
Rugged design and vandal resistant casing	Built to IP667, the camera is highly weatherproof and resistant to an impact force of six joules.
Secure plug	On the rear of the camera there is a video service plug to assist the installer in setting up the camera.

VBC4V9DN/LRe SPECIFICATION

Sensor	1/3" SuperHAD CCD
Resolution	540/580TVL
Sensitivity	0.1Lux Col/ 0.0Lux LEDs on
Day/Night operation	Auto True Day/Night
Window	Twin glass operation
Lens	4 - 9mm Direct Drive
Lens Adjustment	External zoom and focus adjustment
LEDs	48LEDs illuminate up to 35m
Service plug	Video Service and Video lead provided
Waterproofing	Meets IP667
Voltage options	12V DC

VBC4V9N/LRe
48X LED 35M

PROTOS^{V} CAMERA RANGE

DUMMY CAMERAS

VP5D	0445370	Dummy camera, Protos V series chassis W/O lens

HIGH RESOLUTION MONOCHROME

VPM500	0443190	1/3", 570TVL, 0.08lux, C/CS, AI/DD/EI, AGC, BLC, 5W, 230V AC, 124.5x 70x60mm
VPM502	0443200	1/3", 570TVL, 0.08lux, C/CS, AI/DD/EI, AGC, BLC, 4W, 12V DC, 124.5x 70x60mm

HIGH RESOLUTION COLOUR

VPC500	0443170	1/3", 480TVL, 0.8 lux CS mount AI/DD/EI HI/LOW AGC 240V 124.5x 70x60mm
VPC504	0443180	1/3", 480TVL, 0.8 lux CS mount AI/DD/EI HI/LOW AGC 12/24V 124.5x 70x60mm
VPC520	0443230	1/3", SuperHAD, 540TVL, 0.3lux, (Colour), 0.002lux, (Sens-Up), C/CS, AI/DD/EI, OSD, Motion Detection, Privacy Zones, AGC (High, Med, Low), BLC (High, Med, Low) 100 - 240V, 124.5x 70x60mm
VPC524	0443240	1/3", SuperHAD, 540TVL, 0.3lux, (Colour), 0.002lux, (Sens-Up), C/CS, AI/DD/EI, OSD, Motion Detection, Privacy Zones, AGC (High, Med, Low), BLC (High, Med, Low) 12/24V, 124.5x 70x60mm
VPC580	0446880	1/3", SuperHAD, 580TVL, (Colour), 0.5lux, C/CS, AI/DD/EI, AGC, Selectable BLC, Privacy zones, OSD, NVT, 7.0W, 100-240V, RS485 Vista protocol, 124.5x 70x60mm
VPC584	0446870	1/3", SuperHAD, 580TVL, (Colour), 0.5lux, C/CS, AI/DD/EI, AGC, Selectable BLC, Privacy zones, OSD, NVT, 7.0W, 12/24V, RS485 Vista protocol, 124.5x 70x60mm

HIGH RESOLUTION COLOUR/MONOCHROME

VPC512/CM	0445470	1/3", 540 TVL, (Col/Mono) 0.25 lux CS mount AI/DD/EI 12V DC 124.5 x 70 x 60mm
VPC520/CM	0443250	1/3", SuperHAD, 540TVL, (Col/Mono) 0.3 / 0.002 (Sens-up) lux, C/CS, AI/DD/EI, AGC, BLC, Privacy zones, Motion detection, OSD, DNR, IR cut filter, 4.5W, 240V AC, 124.5x 70x60mm
VPC524/CM	0443260	1/3", SuperHAD, 540TVL, (Col/Mono) 0.3lux, C/CS, AI/DD/EI, AGC, BLC, Privacy zones, Motion detection, OSD, DNR, IR cut filter, 4W, 12/24V, 124.5x 70x60mm

HIGH RESOLUTION DAY/NIGHT

VPC512/DN	0445480	1/3", 540/580 TVL, (Day/Night) 0.25/0.01 lux CS mount AI/DD/EI 12V DC 124.5 x 70 x 60mm
VPC520/DN	0443270	1/3", SuperHAD, 540/580TVL, (Day/Night), 0.3/0.02 / 0.002 (Sens-up) lux (Col/Mono), C/CS, AI/DD/EI, AGC, BLC, Privacy zones, Motion detection, OSD, DNR, IR mechanical filter, 4.5W, 240V AC, 124.5x 70x60mm
VPC524/DN	0443280	1/3", SuperHAD, 540/580TVL, (Day/Night), 0.3/0.02 / 0.002 (Sens-up) lux (Col/Mono), C/CS, AI/DD/EI, AGC, BLC, Privacy zones, Motion detection, OSD, DNR, IR mechanical filter, 4W, 12/24V, 124.5x 70x60mm
VPC530/DN	0443220	1/3", SuperHAD, 540/580TVL, (Day/Night), 0.5/0.04lux, C/CS, AI/DD/EI, AGC, Selectable BLC, Privacy zones, OSD, NVT, IR mechanical filter, 5.5W, 240V AC, RS485 Vista protocol, 124.5x 70x60mm
VPC534/DN	0443210	1/3", SuperHAD, 540/580TVL, (Day/Night), 0.5/0.04lux, C/CS, AI/DD/EI, AGC, Selectable BLC, Privacy zones, OSD, NVT, IR mechanical filter, 4.5W, 12/24V, RS485 Vista protocol, 124.5x 70x60mm

HIGH RESOLUTION DAY/NIGHT

VPC580/DN	0446900	1/3", SuperHAD, 580/700TVL, (Day/Night), 0.5/0.04lux, C/CS, AI/DD/EI, AGC, Selectable BLC, Privacy zones, OSD, NVT, IR mechanical filter, 7.0W, 100-240V, RS485 Vista protocol, 124.5x 70x60mm
VPC584/DN	0446890	1/3", SuperHAD, 580/700TVL, (Day/Night), 0.5/0.04lux, C/CS, AI/DD/EI, AGC, Selectable BLC, Privacy zones, OSD, NVT, IR mechanical filter, 7.0W, 12-24V, 124.5x 70x60mm, RS485 Vista protocol, 124.5x 70x60mm
VPC530/WDR	0443300	1/3", Sony Double Scan, 480/520TVL, (Day/Night), 0.5/0.04/0.001 (DNS/BW mode) lux, C/CS, AI/DD/EI, AGC, Selectable BLC, WDR, Privacy zones, OSD, NVT, IR mechanical filter, 5.5W, 240V AC, RS485 Vista protocol, 124.5x 70x60mm
VPC534/WDR	0443290	1/3", Sony Double Scan, 480/520TVL, (Day/Night), 0.5/0.04/0.001 (DNS/BW mode) lux, C/CS, AI/DD/EI, AGC, Selectable BLC, WDR, Privacy zones, OSD, NVT, IR mechanical filter, 4.5W, 12/24V, RS485 Vista protocol, 124.5x 70x60mm
VPC584/WDR	0446910	1/3", Sony Double Scan, 580/700TVL, (Day/Night), 0.5/0.04/0.001 (DNS/BW mode) lux, C/CS, AI/DD/EI, AGC, Selectable BLC, WDR, Privacy zones, OSD, NVT, IR mechanical filter, 7.0W, 12/24V, RS485 Vista protocol, 124.5x 70x60mm
VPC580/WDR	0446920	1/3", Sony Double Scan, 580/700TVL, (Day/Night), 0.5/0.04/0.001 (DNS/BW mode) lux, C/CS, AI/DD/EI, AGC, Selectable BLC, WDR, Privacy zones, OSD, NVT, IR mechanical filter, 7.0W, 240V AC, RS485 Vista protocol, 124.5x 70x60mm

VPC50 - VPC51 - VPC52 - VPC58 SERIES

VPC53 - SERIES

VPM/VPC50X & VPC51-SERIES FEATURES	DESCRIPTION
IR sensitive (Mmonochrome version only)	Ideal for use with discreet illumination for covert applications or in areas where white light is deemed a pollutant.
Phase adjustment	The VPM500 and VPM504 series allows installers to prevent issues such as picture rolling, a problem often associated with differing power sources.
Backlight compensation (BLC)	BLC deals with areas of differing light-levels maintaining proper exposure in the centre 40% of the screen.
Automatic gain control (AGC)	AGC automatically amplifies the image quality as lighting levels drop.
Auto white balance options (not monochrome version)	Improves the colour balance in areas where there is a mixture of light sources. Externally this also improves the colour balance in areas where daylight is the predominant source of light.
Flickerless (not monochrome version)	The flickerless control takes into account the cycling process of the light sources and adjusts the colour, gain, electronic shutter control and white tracking balance to produce a correct colour picture.

VPC512 SERIES FEATURES	DESCRIPTION
Day/Night operation d/n option only	Because the camera is fitted with a moving IR filter, it provides high quality colour images during the day and increased sensitivity during the night. It is fully IR sensitive so can be used with covert IR lighting.
Colour/Mono operation c/m option only	The colour signal is removed in low-light conditions to provide a clean monochrome image, removing all AGC noise and providing a far more pleasing image.

VPC52X, VPC53X & VPC58X SERIES FEATURES	DESCRIPTION
Day/Night operation d/n option only	Because the camera is fitted with a moving IR filter, it provides high-quality colour images during the day and increased sensitivity during the night. It is fully IR sensitive so can be used with covert IR lighting.
Colour/Mono operation c/m option only	The colour signal is removed in low-light conditions to provide a clean monochrome image, removing all AGC noise and providing a far more pleasing image.
Privacy zones	Four user configurable privacy zones enable operators to blank up to four separate areas on screen, each of a different size and position - ideal for blanking chip and pin machines.
Dynamic noise reduction	DNR automatically cleans the video signal to provide a better picture, especially useful under difficult lighting conditions. This cleaner image also saves hard disk space on modern DVRs.
On-Screen display	The user-friendly OSD provides a simple, easy to navigate set-up facility for all the camera's features.

VPC52X SERIES FEATURES	DESCRIPTION
Motion detection	Four user-configurable areas will provide on-screen notification of motion in any of the pre-defined areas.

VPC53X & VPC58X SERIES FEATURES	DESCRIPTION
WDR wide dynamic range WDR option only	Using a dual scan CCD the WDR feature provides excellent picture quality in high-contrast environments, ensuring clear images are seen in bright and dark areas of the picture.
External day/night switching input	This external input forces the camera into night-time mode, ensuring zero hunting and entirely accurate day/night operation, fully integrating with Vista VIRP range of lighting products.
Day/Night switching delay	The time delay on switching from colour to monochrome prevents any hunting or random switching due to car headlights.

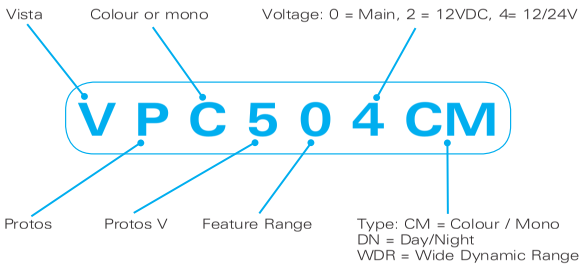
PROTOS^{V} CAMERA RANGE

PRODUCT	CCD TYPE	SENSITIVITY (LUX)	RESOLUTION (TVL)	SNR (DB)	PROCESSING	COLOUR / MONO	WIDE DYNAMIC RANGE	DAY / NIGHT	EXT D/N CONTACT	D/N DELAY	VIDEO DRIVE (AI)	DIRECT DRIVE (DD)	SYNC: L LOCK WITH PH ADJ	SYNC: INTERNAL LOCK	WHITE BALANCE: AUTO	WHITE BALANCE: QUICK	WHITE BALANCE: INDOOR/OUTDOOR	AUTO / MAN EXPOSURE	FLICKERLESS	AGC: AGC	AGC: AGC (HI,MED,LOW)	BLC: BLC	BLC: BLC (HI,MED,LOW)	SHARPNESS ON/OFF	OSD MENU	DNR LOW /MED/ HI	MOTION DETECTION 4 ZONES	PRIVACY ZONES 4 ZONES	SENS UP X 32	PRESET	MIRROR	FREEZE	DIGITAL ZOOM	RS485 VISTA POWERDOME	UTP	S-VIDEO
BUDGET SERIES COLOUR & MONOCROME SUPERHAD																																				
VPM500 - VPM502	1/3"	0.08	570	>50	ANA						•	•	•	•	•	•			•																	
VPC500 - VPC504	1/3"	0.8	480	>50	DSP						•	•	•	•	•	•	•	•	•																	
HIGH QUALITY SERIES COLOUR/MONOCHROME & DN SUPERHAD																																				
VPC512CM	1/3"	0.25	540	>50	DSP	•					•	•	•	•				•	•																	
VPC512DN	1/3"	0.25/0.01	540	>50	DSP			•			•	•	•	•				•	•																	
PROFESSIONAL SERIES COLOUR, COLOUR/MONOCHROME & DAY/NIGHT SUPER HAD																																				
VPC520 - VPC524	1/3"	0.3	540	>50	DSP						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
VPC520CM - VPC524CM	1/3"	0.3	540	>50	DSP	•					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
VPC520DN - VPC524DM	1/3"	0.3/0.05 (0.002 Sens up)	540/580	>50	DSP			•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
SYSTEM SERIES SUPER HAD																																				
VPC530DN - VPC534DN	1/3"	0.5/0.04 (0.001 Sens up)	540/580	>50	DSP			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•
VPC530WDR - VPC534WDR	1/3"	0.5/0.04 (0.001 Sens up)	480/520	>50	DSP		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•

GENERIC SPECIFICATIONS FOR ALL CAMERAS

OPERATING TEMPERATURE:	-10°C to +50°C (performance guaranteed from 0°C to +40°C)
LV POWER INPUT CONNECTOR:	Pushpin type (as per Protos 3).
LENS TYPES:	Back focus adjustment
WHITE BALANCE RANGE	2,500K to 9,000K less than 5% error
SHUTTER SPEED:	1/50s to 1/100,000s for CCIR/PAL
SIGNAL TO NOISE RATIO:	50-dB
AUTO IRIS:	Video and DC Iris via 4-pin socket mounted on the side of the camera.
MOUNTING:	¼" 20 UNC internal top and bottom
PHYSICAL:	Weight 0.265Kg - Dimensions 125 x 74 x 66mm
COLOUR:	RAL 7035

VPM500	230v	5.0W
VPM502	12V	4.0W
VPC500	220-240V	6.0W
VPC504	12/24V	3.2W
VPC512	12V	1.8W
VPC512DN	12V	3.0W
VPC520	100-240V	4.5W
VPC524	12/24V	4.0W
VPC530DN	100-240V	5.5W
VPC534DN	12/24V	4.5W



CM: Colour/Mono, with permanent IR Cut filter, so not IR sensitive

DN: True Day/Night with removable IR Cut filter, so IR sensitive

WDR: Excellent for areas of high contrast e.g. looking through doors or windows

INTEGRAL CAMERAS

INTEGRAL CAMERA RANGES

VZM22XDN-INT	0444960	1/4", 480/530TVL, 0.5/0.05lux, True day/night, 3.9-85.8mm, DD, Dynamic BLC, RS485, 12V, 62x62x105mm
VZM22X-EXT	0325230	1/4", 480/530TVL, 0.5/0.05lux, True day/night, 3.9-85.8mm, DD, Dynamic BLC, RS485, 12/24V, 84x86x308mm
VVRD22X-DN	0363550	1/4", 480/530TVL, 0.5/0.05lux, True day/night, 3.9-85.8mm, DD, RS485, 12/24V Ceiling/Wall, Dome 155x130mm
VZM22/REM	0350110	VZM22X / VVRD22X local wired engineer set up tool

VZM22X-EXT

VZM22/REM

VZM22XDN-INT

VVRD22X-DN

INTEGRAL ZOOM CAMERA FEATURES	DESCRIPTION
High-Performance 1/3" SuperHAD CCD	The camera offers 480TVL (colour) and 530TVL (monochrome) resolution.
Day/Night operation d/n option only	Because the camera is fitted with a moving IR filters, it provides high-quality colour images during the day and increased sensitivity during the night. It is fully IR sensitive so can be used with covert IR lighting.
External switch for day/night switching	The cameras have the option to switch automatically or manually from day-time operation (colour) to night-time operation (monochrome), fully integrating with Vista's VIRP range of lighting units, ensuring no hunting occurs on change from day to nighttimes operation.
Motion detection and alarm input	A preset zoom and focus setting can be triggered via an external device such as a PIR detector or via the units internal motion detection, causing automatic zoom onto a pre-determined location.
Remote RS485 control	The camera can be controlled remotely via RS485 protocols allowing for integration with all leading control products.
22:1 zoom lens	The high-quality zoom provides a focal length of 3.9 - 85.8mm, with a further 10x digital zoom available if required.
Available in three housing styles	There are three housing options to fit all applications, internal, external and vandal resistant (in the form of a dome).

INTEGRAL ZOOM CAMERA SPECIFICATION

Sensor	1/4" SuperHAD CCD
Resolution	480/530TVL
WDR	On/Off
Sensitivity	0.5/0.05Lux
Day/Night operation	Auto/ Day/Night/External
Set-up via	OSD Menu
Zoom Ratio	22:1 (3.9 - 85.8mm)
Motion Detection	Adjustable window, preset operation
White Balance	AWB/ Indoor/ Outdoor/ Manual
RS485 Control	Vista PD & Pelco (D&P)
Voltage options	12/24V Operation

VIPKIT RANGE

VK-C402DN	0444820	1/3", 540TVL, Day/Night MPEG4 25pps (720x576 pixels) 12V DC IP Camera and VIP-Kit client software
VK-C402CM	0444830	1/3", 540TVL, Colour/Monochrome MPEG4 25pps (720x576 pixels) 12V DC IP Camera and VIP-Kit client software
VK-VZM22X-INT	0444840	1/4", 480TVL, 22:1 Internal Zoom Day/Night MPEG4 25pps (720x576 pixels) 12V DC IP Camera and VIP-Kit client software
VK-VZM22X-EXT	0444850	1/4", 480TVL, 22:1 External Zoom Day/Night MPEG4 25pps (720x576 pixels) 12V DC IP Camera and VIP-Kit client software
VK-VRD4V9CM	0444860	1/3", 540TVL, Colour/Monochrome 4 - 9mm Vari-focal lens MPEG4 25pps (720x576 pixels) 12V DC IP Vandal Resistant Dome
VK-VPDIP10:1	0444870	1/4", 480TVL, 10:1 Zoom, Colour Vandal Resistant MPEG4 25pps (720x576 pixels) 12V DC IP Domes and VIP-Kit client software
VK-ENCODER1	0444880	Single Channel Encoder for standard analogue video & telemetry to Vista VK - IP Protocol, with Alarm and Audio inputs and VIP-Kit client software
VK-ENCODER4	0444890	Four Channel Encoder for standard analogue video & telem etry to Vista VK - IP Protocol, with Alarm and Audio inputs and VIP-Kit client software
VK-DECODER	0444900	Single Channel IP Decoder for all Vista VK- IP cameras and VIP-Kit client software

VIP-KIT RANGE FEATURES	DESCRIPTION
Hi quality video streams	Full real time (25 ips) D1 (720 x 576) resolution available form all cameras
Scaleable	Images can be fully adjusted on image rate and quality on a per camera basis
Programmable	Record rate and quality can be programmed to change via schedules, VMD or alarm inputs to maximise systems potential
Wide range of cameras	Options for colour / mononchrome & day night camera zoom modeul cameras plus vandal resistant and fully functional domes
Dedicated decoders	Single & 4 channel decoders take analogue video signals and convert them to VIP-KIT IP streams
IP to analogue	Decoder available to convert the VIP-KIT IP stream to an analogue signal and display images ona conventional public viewing monitor

VIP-KIT RANGE COMMON SPECIFICATION

IP Resolution	D1 (720 x 576)
Compression	MPEG-4
Set-up Type	Via OSD Menu
Transmission Rate	Up to 25 Images Per Second
E-mail	Message on Motion Detection
Voltage	12V DC
Software	Included

VK-C402CM & DN COMMON SPECIFICATION

Composite Resolution	540TVL
Camera Type	Colour/Mono C/M option Day/Night D/N option
Housing Type	Box Camera

VK-ZM22-EXT & INT COMMON SPECIFICATION

Composite Resolution	480/530TVL
Camera Type	True Day/Night
Lens	22:1 zoom (3.9 - 85.8mm)

DIFFERENTIAL SPECIFICATION

Housing Type	All-in-one external housing with wall bracket EXT option. All-in-one internal housing INT option

ViPKiT IP RANGE

VK-VPDIP10:1

Composite Resolution	480TVL
Camera Type	Colour PTZ
Lens	10:1 zoom
Housing Type	Vandal Resistant Dome

VK-VRD4V9CM

Composite Resolution	540TVL
Camera Type	Colour/Monochrome
Lens	4 - 9mm Direct Drive Lens
Housing Type	Vandal Resistant Dome

VK-ENCODER1 AND 4

Encoder	Encodes standard composite cameras to Vista VK IP protocol
Telemetry	Output Vista PowerDome RS485
Alarm	2 I/P NO / NC
Output	4 Channel- single, quad, sequence

VK-DECODER1

Max Camera squence	Up to 128 cameras can be displayed via a sequence.
Decoder	Decodes Vista VK cameras to composite
Audio	Single Audio Output included

VIP-KIT CLIENT

View live	Full or multi screen modes
Play-back	Via simple search menus
Control	10:1 speed dome, 22:1 zoom cameras, Vista PD RS485
Audio	2-way fucntion bi-directional communications
Recording	via schedule, alarm inputs, motion detection or manual activation.

VK-DECODER1

VK-VZM22X-EXT

VK-C402DN(CM)

VK-VZM22X-INT

CAMERA BRACKETS

CAMERA BRACKETS

VCBW	0032720	7.6" drop ceiling bracket, L-shaped (white)
PROTOSB1	0032870	5.5" wall/ceiling bracket with auto lock (cool grey)
VB1B	0032650	5.5" wall/ceiling bracket with auto lock (black)
VB1W	0032630	5.5" wall/ceiling bracket with auto lock (white)
VCMB	0033110	6.8" cable management bracket (cool grey)
PROTOSB2	0032840	7.5" wall/ceiling bracket with auto lock (cool grey)
VB2B	0032670	7.5" wall/ceiling bracket with auto lock (black)
VB2W	0032660	7.5" wall/ceiling bracket with auto lock (white)
VCB2	0325310	Mini camera bracket 85mm suitable for bullet cameras

VB1B

VB1W

VB2W

VB2B

VCBW

VCMB

PROTOSB1

PROTOSB2

VCB2

POWER SUPPLIES

CAMERA POWER SUPPLIES

VPS12-500	0098250	12V DC 500mA regulated PSU, 2.1mm DC jack encapsulated
VPS12-1A	0098260	12V DC 1000mA regulated PSU, 2.1mm DC jack encapsulated
VPS12-2A	0098790	12V DC 2000mA regulated PSU, 2.1mm DC jack encapsulated
VPS12-4X1A	0325280	12V DC 4x1Amp fused output PSU metal cased removable plugs
VPS12-8X500	0325290	12V DC 8x500mA Amp fused output PSU metal cased removable plugs
VPS24-750	0258930	24V AC 750mA wired non-plugged PSU encapsulated
VPS24-2A	0258940	24V AC 2000mA wired non-plugged PSU encapsulated
VPS24-3A	0271770	24V AC 3000mA wired non-plugged PSU encapsulated
VPS24-4X1A	0258950	24V AC 4x1Amp fused boxed PSU metal cased removable plugs
VPS24-8X1A	0258960	24V AC 8x1Amp fused boxed PSU metal cased removable plugs
VPS24-1X4A	0310550	24V AC 1x4Amp fused output PSU metal cased removable plugs
VPD-PSU2e	0291270	24V AC 3Amp Outdoor power supply
VPD-PSU1e	0396160	24V AC 1.5Amp Indoor Encapsulated Power supply
VPSU24VAC-8X1000i	0395740	24V AC 8x1Amp Indoor individually fused multi-tapped Power supply

POWER SUPPLIES FEATURES	DESCRIPTION
12V DC regulated outputs	The use of regulated power supplies can lengthen the life of your CCTV equipment compared with non-regulated PSU's that can cause damage.
Individually fused outputs	Units with multi-outputs are individually fused for your equipment's protection.
Raised removable terminal blocks (multi-output units only)	The raised terminal blocks are removable and improve the accessibility to the connections, making the wiring much easier to accomplish.
Wall/desk mounting points	Units are supplied with pre-drilled mounting holes so that the unit can be used in nearly all applications.

VPS12-500

VPS24-2A

VPS24-750

VPS24-8X1000
VPS24-4X1000

VPS24-8X1000i

VPS12-8X500

VPD-PSU2e

VARIFOCAL DIRECT DRIVE AND AUTO IRIS LENSES

VDD28V612P	0036720	1/3", CS, 2.8-6.0mm, F1.2-64, DD, plugged, (10cm Id)
VDD28V1214PU	0346450	1/3", CS, 2.8-12.0mm, F1.4-360, DD, 540TVL, Plugged, (10cm Id)
VDD3V81P	0096800	1/3", CS, 3.0-8.0mm, F1.1-360, DD, plugged, (10cm Id)
VDD29V821P	0442400	1/3", CS, 2.9-8.2mm, F1.0-360, DD, plugged (15cm Id)
VA29V821	0442410	1/3", CS, 2.9-8.2mm, F1.0-360, AI, (30cm Id)
VA29V821P	0442420	1/3", CS, 2.9-8.2mm, F1.0-360, AI, plugged (15cm Id)
VDD35V1010Pe	0256930	1/3", CS, 3.5-10.5mm, F1.0-360, DD, plugged (10cm Id)
VA35V1010P-100e	0256940	1/3", CS, 3.5-10.5mm, F1.0-360, AI, plugged (10cm Id)
VA5V5013P-100e	0253110	1/3", CS, 5.0-50mm, F1.3-360, AI, plugged (10cm Id)
VDD5V5014PU	0315830	1/3", CS, 5.0-50mm, F1.4-360, DD, 540TVL, plugged, (10cm Id)
VDD5V5014PU-300	0315840	1/3", CS, 5.0-50mm, F1.4-360, DD, 540TVL, plugged, (30cm Id)
VDD20V10016P	0253100	1/3", CS, 20-100mm, F1.6-360, DD, plugged, (10cm Id)

VARIFOCAL IR CORRECTED DIRECT DRIVE AND AUTO IRIS LENSES

VDD28V111IRP	0095160	1/3", CS, 2.8-11.0mm, F1.4-360, DD, plugged, (10cm Id), IR Corrected
VDD3V81IRP	0096790	1/3", CS, 3.0-8.0mm, F1.1-360, DD, plugged, (10cm Id), IR Corrected
VDD4V1212IRP	0253170	1/2", C, 4.0-12.0mm, F1.2-360, DD, plugged, (10cm Id), IR Corrected
VDD10V4014IRP	0098690	1/2", C, 10.0-40.0mm, F1.4-360, DD, plugged, (10cm Id), IR Corrected
VA10V4014IRP-100	0265000	1/2", C, 10.0-40.0mm, F1.4-360, AI, plugged, (10cm Id), IR Corrected
VA4V1212IRP-100	0253180	1/2", C, 4.0-12.0mm, F1.2-360, AI, plugged, (10cm Id), IR Corrected

VARIFOCAL MANUAL IRIS LENSES

VM29V821e	0442390	1/3", CS, 2.8-8.2mm, F1.0, Manual Iris
VM35V1010e	0256950	1/3", CS, 3.5-10.5mm, F1.0, Manual Iris
VM5V5013e	0097080	1/3", CS, 5.0-50mm, F1.3, Manual Iris
VM2616e	0097020	1/3", CS, 2.6mm, F1.6, Manual Iris
VM0412e	0096920	1/3", CS, 4.0mm, F1.2, Manual Iris

FIXED FOCAL DIRECT DRIVE AND AUTO IRIS LENSES

VDD0412P-300e	0098190	1/3", CS, 4.0mm, F1.2-360, DD, plugged, (30cm Id)
VDD0412Pe	0096880	1/3", CS, 4.0mm, F1.2-360, DD, plugged, (10cm Id)
VDD0812Pe	0096890	1/3", CS, 8.0mm, F1.2-360, DD, plugged, (10cm Id)
VDD0812P-300e	0098200	1/3", CS, 8.0mm, F1.2-360, DD, plugged, (30cm Id)

MOTORISED DIRECT DRIVE AND AUTO IRIS ZOOM LENSES

VZ5734APe	0097060	1/3", CS, 5.7-34.0mm, F1.0-360, DD, plugged
VZ0848Ae	0097010	1/2", C, 8.0-48.0mm, F1.2-360, AI
VZ0880Ae	0096860	1/2", C, 8.0-80.0mm, F1.2-360, AI,
VZ0880APe	0096870	1/2", C, 8.0-80.0mm, F1.2-360, AI, presets
VZG10200AP	0093760	1/2", C, 10.0-200mm, F1.8-360, AI, presets

2.9 - 8.2MM RANGE FEATURES	DESCRIPTION
Wide angle of view	70.7 ° - 26.3° with a 2.9 - 82mm focal distance
Better low light performance	F1.0 allows a large amount of light to pass through the lens, increasing camera performance in low light conditions.
Locking screws	Prevents focus and zoom shift, ensuring image quality is maintained even over long periods or where the lens could be subject to vibration.
Glass optics	Superior image quality and reduced distortion, especially when compared to plastic alternatives.
Iris options	There are three different Iris options in the range Direct Drive, Auto Iris & Manual Iris

VM2616e

VDD0812Pe

VM5V5013e

VDD5V5014PU

VA10V4014IRP-100

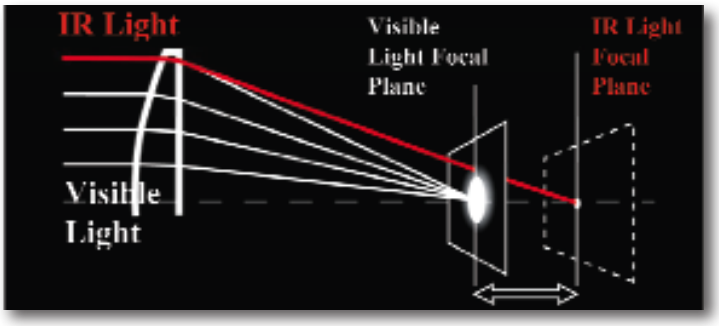
VZ0880AE

LENSES IR CORRECTED

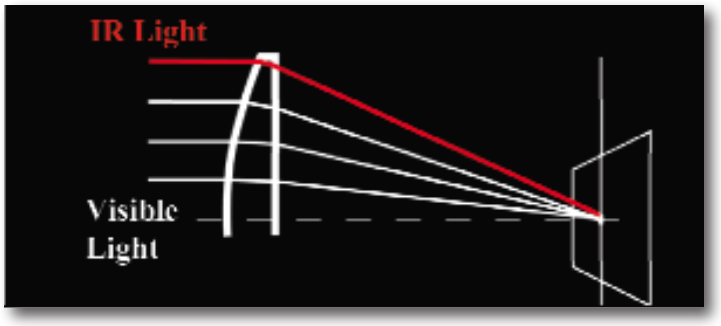
COMPARISON BETWEEN IR CORRECTED AND NON-IR FOCAL PLANES

When using IR light installers often have a problem with out of focus images at night. This is because of the differing wavelength between IR and visible light, resulting in the images see below.

A standard lens would give a blurred image

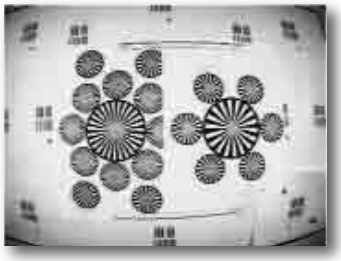


Using Vista IR corrected lenses will result in a sharper image

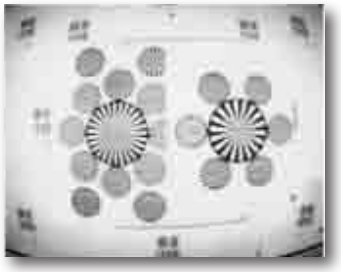


IR LIGHTING

WITH IR LENS



WITHOUT IR LENS



DAY TIME	NIGHT TIME WITH IR LIGHTING	
		IR CORRECTED LENS
		STANDARD LENS

NOTE: An IR corrected lens is required to provide correct focus in both IR & white light conditions

LENSES ANGLE OF VIEW

Approximate Horizontal Angle of View

	1/4"	1/3"	1/2"
2.8mm	64°	80°	97°
3.5mm	5°	68°	84°
4.0mm	45°	60°	74°
4.8mm	38°	40°	69°
6.0mm	30°	38°	57°
8.0mm	23°	30°	40°
12.0mm	15°	20°	30°
12.5mm	14°	19°	28°
16.0mm	11°	15°	22°
25.0mm	7°	10°	14°
50.0mm	4°	5°	7°
75.0mm	2°	3°	5°

Wide Angle
Standard Angle
Telephoto

1/3 CCD

2.4mm ANGLE OF VIEW

3mm ANGLE OF VIEW

5mm ANGLE OF VIEW

1/3 CCD

6mm ANGLE OF VIEW

8mm ANGLE OF VIEW

50mm ANGLE OF VIEW

EXTERNAL HOUSINGS

VSCMH	0032410	IP66 - 315x105x86mm, semi cable managed, integral bracket, sunshield, 240V AC
VSCMHF	0032810	IP66 - 315x105x86mm, semi cable managed, integral bracket, flat sided sunshield, 240V AC
VSCMH24F	0033080	IP66 - 315x105x86mm, semi cable managed, integral bracket, flat sided sunshield, 24V AC
VSCMH250	0033610	IP66 - 250x75x70mm, semi cable managed, integral bracket, sunshield, 240V AC
VSCMH250/LV	0092150	IP66 - 250x75x70mm, semi cable managed, integral bracket, sunshield, 12/24V
VCMH250	0033590	IP66 - 250x75x70mm, fully cable managed, integral bracket, sunshield, 240V AC
VCMH	0032440	IP66 - 315x105x86mm, fully cable managed, integral bracket, sunshield, 240V AC
VCMHF	0032800	IP66 - 315x105x86mm, fully cable managed, integral bracket, flat sided sunshield, 240V AC
VCMHF/B	0325300	IP66 - 315x105x86mm, fully cable managed, integral bracket, flat sided sunshield black, 240V AC
VCMH24F	0033070	IP66 - 315x105x86mm, fully cable managed, integral bracket, flat sided sunshield, 24V AC
VFTH	0036160	IP65 - 400x110x110mm, flip top housing, cool grey, sunshield, 240V AC
VHE-23LV	0356970	IP66 - 260x90x85mm, fully cable managed, bracket 12V DC/24V AC
VHE-23HV	0356960	IP66 - 260x90x85mm, fully cable managed, bracket 230V
VHE-31LV	0363470	IP68 - 260x85x85mm, stainless steel, liquid cooled waterproof to 10m housing 12V DC/24V AC
VHE-31HV	0363460	IP68 - 260x85x85mm, stainless steel, liquid cooled waterproof to 10m housing 100 - 240V AC
VHE-41LV	0363490	IP68 - 260x85x85mm, stainless steel, waterproof to 100m 12V DC/24V AC
VHE-41HV	0363480	IP68 - 260x85x85mm, stainless steel, waterproof to 100m 100-240V AC

Dimensions listed above refers to MCL (maximum camera lense size).

VH-23 FEATURES	DESCRIPTION
Side opening housing	The housing opens fully at the side and hangs down to give free access to the camera and all connections for quick and easy installation and servicing.
IP68 rated housing	This high-level of weatherproofing means that the housing is dust tight and protected against immersion in water.
Flat base	The flat open plan base provides total access to all internal connections. The camera mounting platform is also raised to assist with lens focusing.
Three separate cable glands	Having three separate glands allows the installer to split the connecting cables between the glands, thus ensuring a perfect seal for each cable.
Fully cable-managed bracket	This provides maximum protection for all cables entering the housing, increasing the integrity of the housing and providing a more professional installation.
Equipment mounting points	Allows accessories such as IR lamps to be mounted from the bracket.
New improved wall bracket	Single point of adjustment

VCMHF FEATRUES	DESCRIPTION
Slide and hang opening housing	The housing opens fully at the front and hangs down to give free access to the camera and all connections for quick and easy installation and servicing.
The "F" flat sided	The "F" versions have a flat side that is ideal for installers to place their company logo.
Fully cable-managed bracket	This provides maximum protection for all cables entering the housing,
IP66	Ideal for external applications as the range is protected against jets of water.

VHE-41 FEATURES	DESCRIPTION
Stainless steel construction	Ideal for use in harsh saline environments.
IP68	These housings are waterproof down to a depth of 100m (VHE-31) and 50m (VHE-41).
Multiple mounting options	The housing has wall, corner and pole mounting options available.
IP66	Ideal for external applications as the range is protected against jets of water.

VCMHF

VHE-41

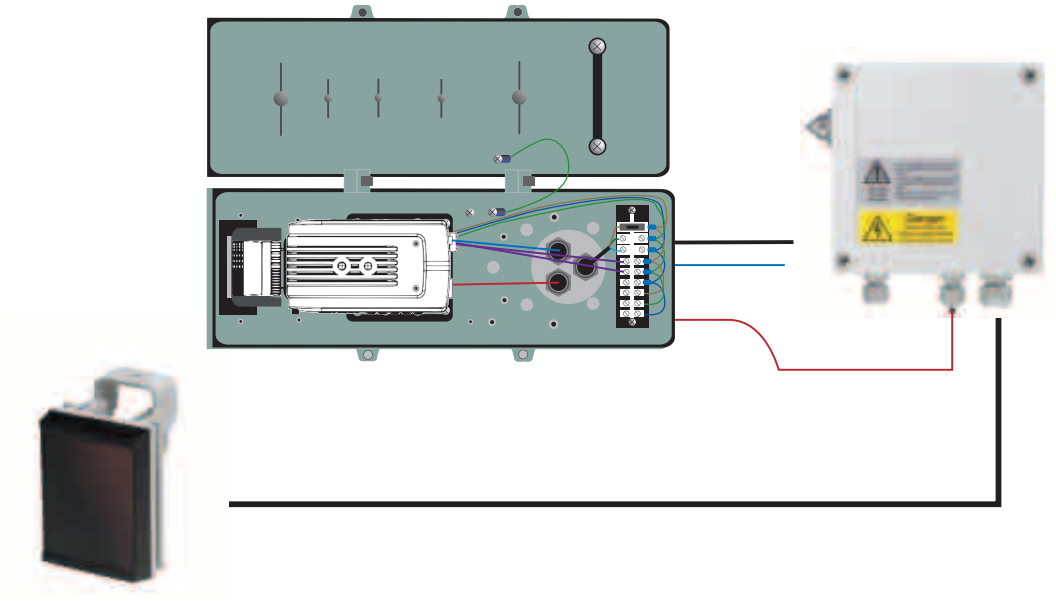
VHE-23

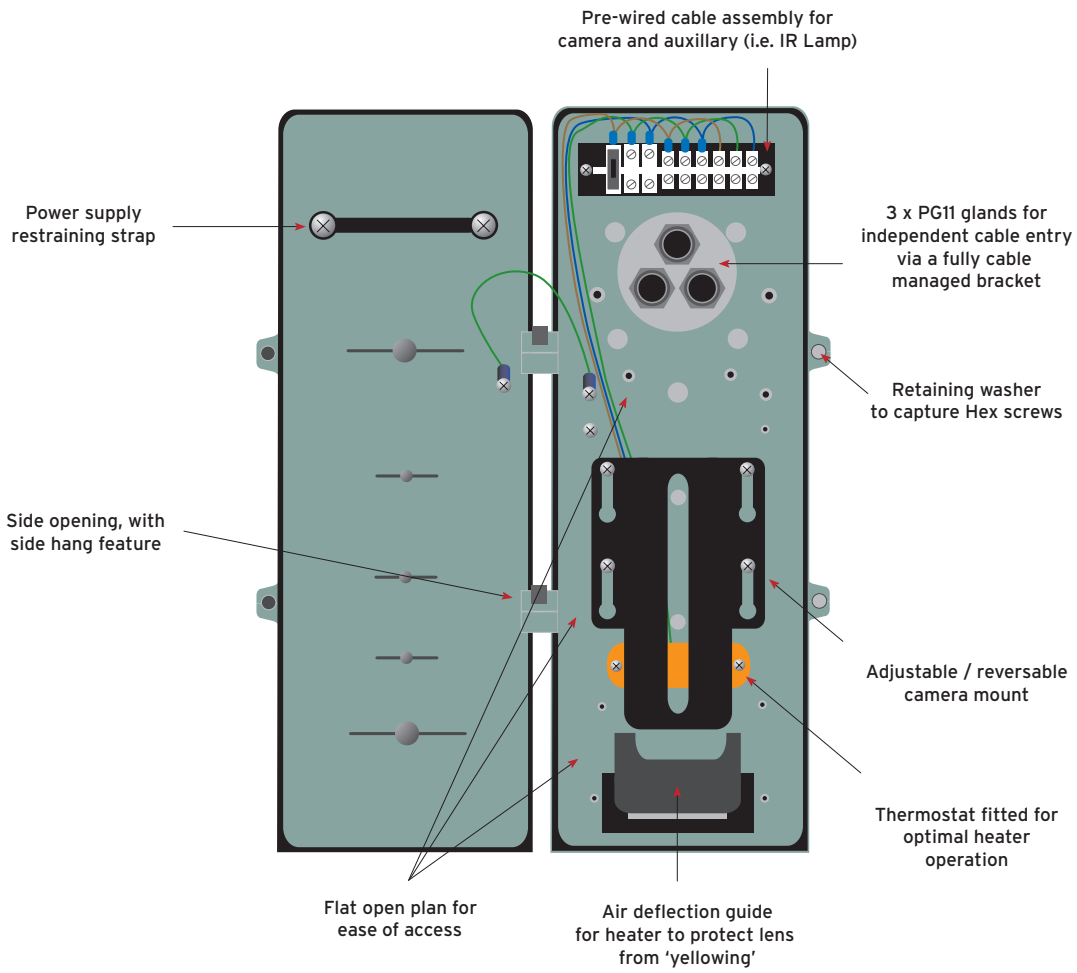
VHI-11

VHE-31

VCMHF/B

VSCMHF




Pre-wired cable assembly for camera and auxillary (i.e. IR Lamp)
Power supply restraining strap
3 x PG11 glands for independent cable entry via a fully cable managed bracket
Retaining washer to capture Hex screws
Side opening, with side hang feature
Adjustable / reversable camera mount
Thermostat fitted for optimal heater operation
Flat open plan for ease of access
Air deflection guide for heater to protect lens from 'yellowing'

HOUSINGS ACCESSORIES & BRACKETS

INDOOR HOUSINGS

VIH-CD120W	0096320	Internal half sphere dome housing, 120x185mm (LxDia.). Max camera width 75mm
VHI-11	0356950	Internal housing c/w bracket 300x95x75mm

HOUSING ACCESSORIES AND SPARES

VFTH/W	0038030	Wiper needed for VFTH
VFTH/WB	0038040	Bracket for VFTH/W
HT6/LV	0342560	12/24V heater assembly for VCMH(F) and VSCMH(F)
HT6/MAINS	0342580	240V heater assembly for VCMH(F) and VSCMH(F)
VPA1	0032830	Pole mount for 1 x VSCMH(F) or VCMH(F) (50-140mm Dia)
VPA2	0032700	Pole mount for up to 2 x VSCMH(F) or VCMH(F) (50-140mm Dia)
VHE-23-PB	0442920	Pole Mount adapter for the VHE-23 housing range Clamp Style
VDM-EPMAe	0443140	External Pole Mount Adapter for Vista PowerDome, PowerDome Lite and VHE-23 Housing Range Require jubilee clips
VDM-CMAf	0443350	Corner Mount adapter for the VHE-23 housings range
VHE-SSCAF	0363410	Compress Air filter for VHE-31 housing
VHE-SSWB	0363430	Wall Bracket for VHE-31 & VHE-41 housing
VHE-SSPB	0363420	Pole Bracket forVHE-31-WB
VHE-SSCB	0363500	Corner Bracket for VHE-31-WB

VPA1

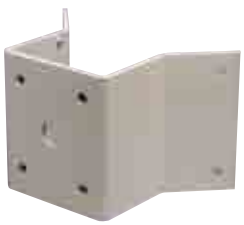
VPA2

VHE-SSPB

VDM-EPMAe

VHE-SSCB

VHE-SSCAF



VDM-CMAf

VHE-23PB

INFRA RED LIGHTING

VIREL60-10-850	0446160	60 Degree, 10m, 850nm IR lamp, 12/24V, photocell built in
VIREL60-20-850	0446170	60 Degree, 20m, 850nm IR lamp, 12/24V, photocell built in
VIRSY30-50-850	0446070	30 Degree, 50m, 850nm IR lamp, 12/24V, (No PSU supplied) Photocell with following contact for TDN cameras. Power output pot
VIRSY30-100-850	0446080	30 Degree, 100m, 850nm IR lamp, 12/24V, (No PSU supplied) Photocell with following contact for TDN cameras. Power output pot
VIRSY30-180-850	0446090	30 Degree, 180m, 850nm IR lamp, 12/24V, (No PSU supplied) Photocell with following contact for TDN cameras. Power output pot
VIRSY60-35-850	0446100	60 Degree, 35m, 850nm IR lamp, 12/24V, (No PSU supplied) Photocell with following contact for TDN cameras. Power output pot
VIRSY60-70-850	0446110	60 Degree, 70m, 850nm IR lamp, 12/24V, (No PSU supplied) Photocell with following contact for TDN cameras. Power output pot
VIRSY60-120-850	0446120	60 Degree, 120m, 850nm IR lamp, 12/24V, (No PSU supplied) Photocell with following contact for TDN cameras. Power output pot
VIRSY120-25-850	0446130	120 Degree, 25m, 850nm IR lamp, 12/24V, (No PSU supplied) Photocell with following contact for TDN cameras. Power output pot
VIRSY120-40-850	0446140	120 Degree, 40m, 850nm IR lamp, 12/24V, (No PSU supplied) Photocell with following contact for TDN cameras. Power output pot
VIRSY120-64-850	0446150	120 Degree, 64m, 850nm IR lamp, 12/24V, (No PSU supplied) Photocell with following contact for TDN cameras. Power output pot
VIRPR30-80-850	0445970	30 Degree, 80m, 850nm IR lamp, including PSU and Photocell with following contact for TDN cameras. Power output pot
VIRPR30-160-850	0445980	30 Degree, 160m, 850nm IR lamp, including PSU and Photocell with following contact for TDN cameras. Power output pot
VIRPR120-8-850	0445990	120 Degree, 8m, 850nm IR lamp, including PSU and Photocell with following contact for TDN cameras. Power output pot
VIRPR120-16-850	0446000	120 Degree, 16m, 850nm IR lamp, including PSU and Photocell with following contact for TDN cameras. Power output pot
VIRPR120-32-850	0446010	120 Degree 32m, 850nm IR lamp, including PSU and Photocell with following contact for TDN cameras. Power output pot
VIRPR120-64-850	0446020	120 Degree, 64m, 850nm IR lamp, including PSU and Photocell with following contact for TDN cameras. Power output pot

WHITE LIGHTING

VIRPR120-8-W	0446030	120 Degree, 8m, Colour corrected white light lamp, including PSU and Photocell with following contact for TDN cameras. Power output pot
VIRPR120-12-W	0446040	120 Degree, 12m, Colour corrected white light lamp, including PSU and Photocell with following contact for TDN cameras. Power output pot
VIRPR120-18-W	0446050	120 Degree, 18m, Colour corrected white light lamp, including PSU and Photocell with following contact for TDN cameras. Power output pot
VIRPR120-24-W	0446060	120 Degree, 24m, Colour corrected white light lamp, including PSU and Photocell with following contact for TDN cameras. Power output pot

VIR LED LAMP RANGE FEATURES	DESCRIPTION
Separate PSU with integrated photocell, day/night camera control and camera power output	The dual lamp and camera PSU come with an integrated, user adjustable photocell to automatically switch the IR LEDs and day/night cameras at the same time, providing a single trigger and power source for both lights and cameras.
Remote telemetry control	A contact input is provided to allow remote arming/disarming of the IR LED lighting system from any standard control system.
Designed for the security market	Provides long range illumination and an even spread of light with zero hot spots this ensures the best performance from cameras. The intensity of the lighting system can also be adjusted via an internal potentiometer to optimise performance for any installation. .
Surface mount technology	With the IR LEDs being surface mounted, the lamps become more compact, robust and efficient thereby increasing their reliability and life span.
Low running costs	The LED lamps use up to five times less power to illuminate a site than standard halogen. This coupled with zero maintenance, makes it far more cost effective than standard halogen systems and very eco friendly.

VIRPR LED LAMP RANGE FEATURES	DESCRIPTION
Professional series.	The Professional series consists of two angled version 30 and 120 Degrees, with illumination ranges of 8, 16, 32, 64, 80 and 160 meters. The lamps are supplied with a combined photocell and power supply that supplies power to the lamps, with added outputs to power a camera and housing's heater. A photocell following output can switch day/night cameras from colour to Mmonochrome when the lamp switches on. While the power adjustment pot in the PSU allows the power output to be tailored to the individual position and eliminating any "whiting out".

VIRSY LED LAMP RANGE FEATURES	DESCRIPTION
Systems series	The Systems series consists of three angled versions 30, 60 and 120 Degree, with illumination ranges of 25, 35, 40, 64, 70, 100, 120 and 180 meters. The power management for these lamps is controlled within the lamp itself allowing the installer to choose their own 12V DC or 24V AC power supply. The systems group has a photocell following output which can switch day/night cameras from colour to monochrome when the lamp is switched on.

VIREL LED LAMP RANGE FEATURES	DESCRIPTION
Entry series	There are two lamps in the series, a 10 and 20m with an illumination angle of 60˚ that matches the popular 4mm lens angle of view. The power management for these lamps is controlled within the lamp itself allowing the installer to choose their own 12V DC or 24V AC power supply.

VIRSY30-180-850 - VIRSY60-120-850
VIRSY120-64-850 - VIRPR30-160-850
VIRPR120-64-850

VIRSY30-100-850 - VIRSY60-70-850 - VIRSY120-25-850
VIRSY120-40-850 - VIRPR30-80-850 - VIRPR120-32-850

VIREL60-10-850 - VIREL60-20-850 - VIRSY30-50-850
VIRSY60-35-850 - VIRPR120-8-850 - VIRPR120-16-850

IR LIGHT 150M RANGE

IR LIGHT 25M RANGE

WHITE LIGHT 24M RANGE

OUTDOOR INTEGRATED P/T SYSTEMS

VPT-PLUS01	0395650	Pan tilt Head c/w Housing, Receiver and Wiper 24V AC
VPT-PLUS01/240	0445540	Pan tilt Head c/w Housing, Receiver and Wiper 240V AC
VPT-PLUS02	0445550	Pan tilt Head c/w Housing, Receiver, Wiper and IR Bracket 24V AC
VPT-PLUS02/240	0445560	Pan tilt Head c/w Housing, Receiver, Wiper and IR Bracket 240V AC
VPT-PLUS02CAM	0445570	Pan tilt Head c/w Housing, Receiver, Wiper, IR Bracket and 36:1 TDN Camera 24V AC
VPT-PLUS02CAM/240	0445580	Pan tilt Head c/w Housing, Receiver, Wiper, IR Bracket and 36:1 TDN Camera 240V AC

WALL BRACKETS FOR OUTDOOR PAN/TILTS

VPT-PLUS/WB	0396320	Wall Bracket for VPT-PLUS Series
VPT-PLUS/PB	0398910	Top Pole Bracket for VPT-PLUS Series
VPT-PLUS/W05HV	0445810	25ltr washer, pump & nozzle for VPT-PLUS Series up to 5m 240V
VPT-PLUS/W05LV	XXXXXX	25ltr washer, pump & nozzle for VPT-PLUS Series up to 5m 24V

VPT-PLUS RANGE FEATURES	DESCRIPTION
Fully integrated pan/tilt system	Housing, pan/tilt unit, wiper, receiver, IR lamp bracket and 36:1 true day/night camera options
Continuous rotation	Continuous tracking can be achieved, facilitating the tracking of suspects and providing quickest route to target.
IP66 and marine finished	Able to withstand the corrosive character of salt water for installation in ports, coastal areas, harbours etc.
Zero Backlash	Ensures the camera always finishes at the correct position and within 0.02˚ accuracy, highly important when used with today's large zoom lenses.
Multiple protocols	Multiple protocols are embedded into the receiver, these include Vista PowerDome and Pelco D, allowing for simple integration into the majority of CCTV control systems.
36:1 True day/night camera.	The VPT-PLUS02/CAM option comes complete with a true day/night 36:1 optical zoom camera module (3.4-122.4mm).
Infra red lamp bracketry	The VPT-PLUS02 series come complete with IR lamp bracketry for the easy connection of IR lamps such as the Vista VIRP range.

VPT-PLUS SPECIFICATION

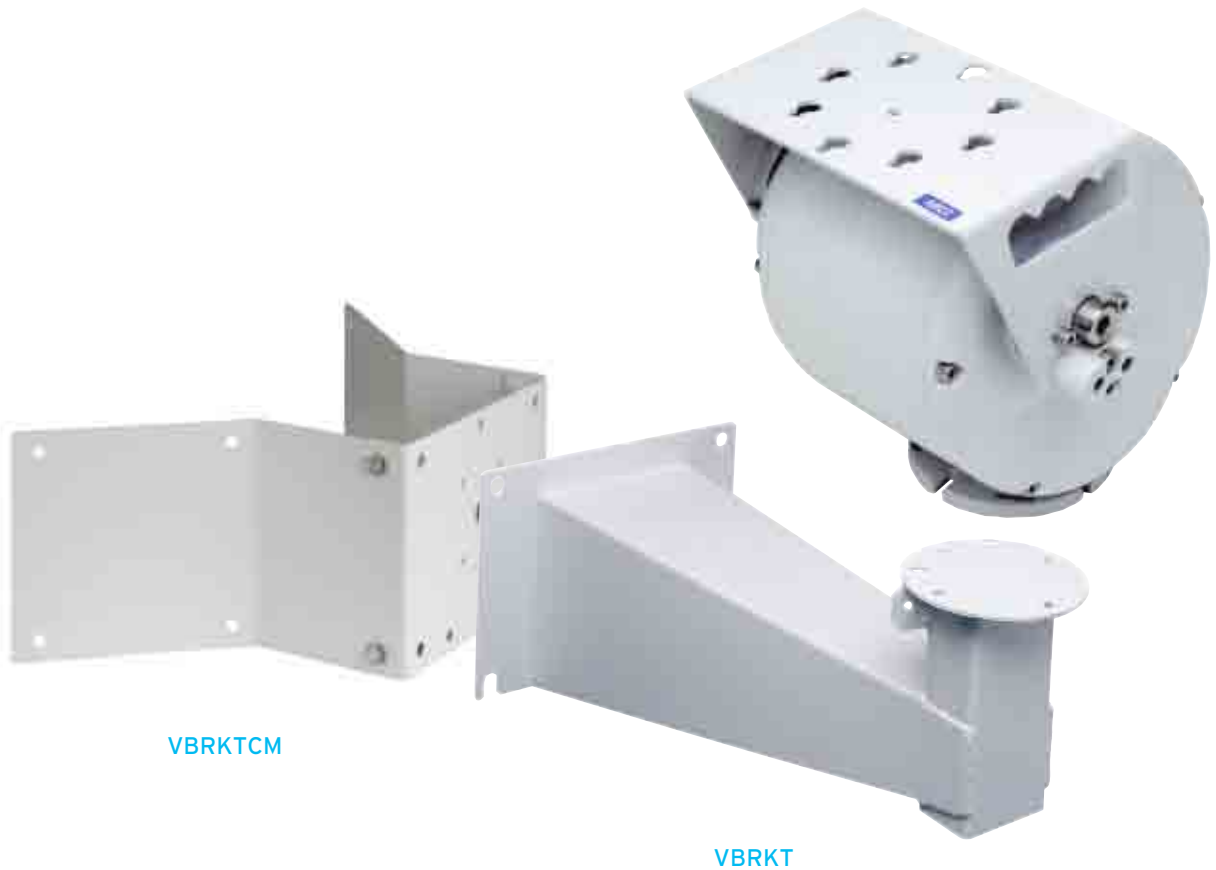
System includes	Pan/Tilt head, Housing, wiper, receiver
System options	36:1 True Day/Night Camera, Infared light, Bracketry
Continuous Rotation	Yes
Weatherproof	IP66
Marine Finished	Yes
Pan Speed	0.1˚ - 100˚/sec
Tilt Speed	0.1˚ - 40˚/sec
Zero Backlash	Yes
Multiprotocol	Vista PowerDome, Pelco D, Sensormatic
Alarm Inputs	4 x inputs
Relay Outputs	2 x outputs
Set up Via	OSD menu
Power	24V AC or 240V AC
MCL	For units without 36.1, 270(L)x70(w)x104(h)

VPT-PLUS

OUTDOOR PAN/TILT HEADS AC/DC

VBRKT	0036060	Heavy duty wall bracket for use with pan and tilt heads
VBRKTCM	0036550	Corner adaptor for use with VBRKT
VPT20KDC	0379950	20k load top mount, 24V DC c/w presets IP66
VPT25K230	0379970	25kg load top mount 240V AC, IP66
VPT25K230P	0379960	25kg load top mount c/w presets 240V AC, IP66

VPT20KDC



VBRKTCM

VBRKT

VISTA POWERDOME™ LITE

VPD-4WP-P-C	0246020	1/4" 480TVL, 1.5Lux, Colour, 485/232 telemetry, coax, Clear, 10x optical zoom, 60 presets, home 1 alarm input, 12/24V, P/W
VPD-4WP-P-C/B	0325330	1/4" 480TVL, 1.5Lux, Colour, 485/232 telemetry, coax, Clear, 10x optical zoom, 60 presets, home 1 alarm input, 12/24V, P/W Black
VPDL-5WP-P-C	0363540	1/4" 480TVL, 1.5Lux, Day/night, 485/232 telemetry, coax, Clear, 22x optical zoom, 60 presets, home 1 alarm input, 12/24V, P/W, Cream
VPDL-5WP-P-CM/W	0446340	1/4" 480TVL, 1.5Lux, Day/night, 485/232 telemetry, coax, Chrome, 22x optical zoom, 60 presets, home 1 alarm input, 12/24V, P/W, White
VVRD-WB	0098620	Pendant bracket for VPDL-4WP-P-C dome
VVRD-WB/B	0325320	Pendant bracket for VPDL-4WP-P-C dome Black
VPDL-PM	0363530	Pendant bracket for VPDL-5WP-P-C dome
VPDL-WM	0363520	Wall bracket for VPDL-5WP-P-C dome
VDM-PA-L	0291180	Pole adaptor for VPD4 & VPDL-5
VDM-TM	0444230	Swan neck tower mount
VDM-TML	0442820	VPDL4 & 5 to VDM-TM (Tower Mount) adapter
VDM-EPMAe	0443140	External Pole Mount Adapter for Vista PowerDome, PowerDome Lite and VHE-23 Housing Range Require jubilee clips
VPDL-WMPSU	0442910	Wall bracket for VPDL-5WP-P-C & VVRD22X domes with built in 24V AC PSU
VDM-CMAf	0443350	Corner mount adaptor for wall mount bracket

	VPD-4WP	VPDL-5WP
Image Sensor	1/4" SuperHAD	1/4" SuperHAD
Resolution	480TVL	480/530TVL
Sensitivity	1.5 lux	0.5/0.05 lux
Optical Zoom	10:1	22:1
Digital Zoom	x10	x11
Focal Length	3.15-31.5mm	3.9-85.8mm
Control Protocol	FSK (coaxial) - Vista Powerdome. RS485 - Vista Powerdome Pelco D	FSK (coaxial) - Vista Powerdome. RS485 - Vista Powerdome Pelco D & P
Pan Speed	0°-120°/sec	150°/sec manual. 375°/sec on preset
Tilt Speed	0°-120°/sec	150°/sec manual. 375°/sec on preset
Pan Angle	0°-359°	360° continuous
Tilt Angle	0°-90°	0°-90°
Presets	60	60
Preset Tours	4x16	4x16
Alarm Inputs	1 alarm input at dome	1 alarm input at dome
Alarm Outputs	No	1 alarm output at dome
Mounting Options	Internal, External and Ceiling, Pendant	Internal, External and Ceiling, Pendant
Bubble Options	Clear	Clear/Chrome
Top Housing Colour	RAL7035/Black	RAL7035/White
Current Consumption	10W, 30W with heater	12W
Voltage	12/24V AC	12/24V AC
Dimensions	Housing 117.2(Dia) x 145(H)mm bubble 99(Dia)mm	Housing 154(Dia) x 130(H)mm bubble 110(Dia)mm
IP Rating	IP669	IP669

VPDL-5 FEATURES	DESCRIPTION
Alarm input direct into the dome	No external alarm boxes are required, keeping install and set-up to a minimum.
High sensitivity & true day/night operation	With a sensitivity of 0.05 lux and moving IR filter, the camera provides high-quality colour images during the day and excellent.
22:1 optical zoom	Although the dome is small in size, the camera provides an impressive 22:1 optical zoom operating from 3.9-85.8mm, allowing the operator to zoom in and identify distant objects. This is further enhanced by the x11 digital zoom.
Continuous rotation	Allows for tracking of targets.
Multi-protocol RS485 & Coaxial FSK (UTC) telemetry	Provides a wide choice of control option.
Vandal Resistant	The dome is housed in a rugged aluminium case with a rating of IP669 which is resilient to a direct strike from a 10lb sledge hammer and ingress proof against direct jets of water. This makes it suitable for a vast array of hostile applications.
Coaxial Control	Simple upgrades of existing static cameras to PTZ are facilitated, without the need for extra cabling to be installed.

VPDL-5WP

VPDL-4WP
(BLACK)

VPDL-5 WP
(RAL7035)

VDM-TML

VPDL-5WP-P-CM/W

VDM-CMAf

VDM-EPMAe

POWERDOME2 - INTERNAL FLUSH CEILING MOUNT HIGH SPEED DOME

VPD2-22C-DF-C	0444310	Colour, 485/232 telemetry, coax, C, 22x optical, 12x digital, 470TVL, 1 lux, 128 presets, 24V, 4 x Alarm I/P, 2 x Relay O/P
VPD2-22C-DF-S	0444320	Colour, 485/232 telemetry, coax, S, 22x optical, 12x digital, 470TVL, 1 lux, 128 presets, 24V, 4 x Alarm I/P, 2 x Relay O/P
VPD2-22C-DF-CH	0444330	Colour, 485/232 telemetry, coax, S, 22x optical, 12x digital, 470TVL, 1 lux, 128 presets, 24V, 4 x Alarm I/P, 2 x Relay O/P
VPD2-26D-DF-C	0444510	Day/night, 485/232 telemetry, coax, S, 26x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V,4 x Alarm I/P, 2 x Relay O/P
VPD2-26D-DF-S	0444520	Day/night, 485/232 telemetry, coax, S, 26x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, 4 x Alarm I/P, 2 x Relay O/P

POWERDOME2 - INTERNAL PENDANT/WALL MOUNT HIGH SPEED DOME

VPD2-18D-DP-C	0444380	Day/night, 485/232 telemetry, coax, C, 18x optical, 12 digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-18D-DP-S	0444390	Day/night, 485/232 telemetry, coax, S, 18x optical, 12 digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-22C-DP-C	0444340	Colour, 485/232 telemetry, coax, C, 22x optical, 12x digital, 470TVL, 1 lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-22C-DP-S	0444350	Colour, 485/232 telemetry, coax, S, 22x optical, 12x digital, 470TVL, 1 lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-23D-DP-C	0444440	Day/night, 485/232 telemetry, coax, C, 23x optical, 12x digital, 470TVL, WDR 0.2lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-23D-DP-S	0444450	Day/night, 485/232 telemetry, coax, S, 23x optical, 12x digital, 470TVL, WDR 0.2lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-26D-DP-C	0444500	Day/night, 485/232 telemetry, coax, C, 26x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-26D-DP-S	0444520	Day/night, 485/232 telemetry, coax, S, 26x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P

POWERDOME2 - EXTERNAL HIGH SPEED DOME

VPD2-18D-WP-C	0444400	Day/night, 485/232 telemetry, coax, C, 18x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-18D-WP-S	0444410	Day/night, 485/232 telemetry, coax, S, 18x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-22C-WP-C	0444360	Colour, 485/232 telemetry, coax, C, 22x optical, 12x digital, 470TVL, 1 lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-22C-WP-S	0444370	Colour, 485/232 telemetry, coax, S, 22x optical, 12x digital, 470TVL, 1 lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-23D-WP-C	0444460	Day/night, 485/232 telemetry, coax, C, 23x optical, 12x digital, 470TVL, WDR 0.2lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-23D-WP-S	0444470	Day/night, 485/232 telemetry, coax, S, 23x optical, 12x digital, 470TVL, WDR 0.2lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-26D-WP-C	0444540	Day/night, 485/232 telemetry, coax, C, 26x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-26D-WP-S	0444550	Day/night, 485/232 telemetry, coax, S, 26x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-36D-WP-C	0444580	Day/night, 485/232 telemetry, coax, C, 36x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P

POWERDOME2 - EXTERNAL HIGH SPEED DOME

VPD2-36D-WP-S	0444590	Day/night, 485/232 telemetry, coax, S, 36x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P

POWERDOME2 - EXTERNAL VANDAL RESISTANT HIGH SPEED DOME

VPD2-18D-WV-C	0444420	Day/night, 485/232 telemetry, coax, C, 18x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-18D-WV-S	0444430	Day/night, 485/232 telemetry, coax, S, 18x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-23D-WV-C	0444480	Day/night, 485/232 telemetry, coax, C, 23x optical, 12x digital, 470TVL, WDR, 0.2lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-23D-WV-S	0444490	Day/night, 485/232 telemetry, coax, S, 23x optical, 12x digital, 470TVL, WDR 0.2lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-26D-WV-C	0444560	Day/night, 485/232 telemetry, coax, C, 26x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-26D-WV-S	0444570	Day/night, 485/232 telemetry, coax, S, 26x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-36D-WV-C	0444600	Day/night, 485/232 telemetry, coax, C, 36x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P
VPD2-36D-WV-S	0444610	Day/night, 485/232 telemetry, coax, S, 36x optical, 12x digital, 470TVL, 0.15lux, 128 presets, 24V, P/W, 4 x Alarm I/P, 2 x Relay O/P

FIXED POWERDOMES

VPD-4V9C-DP-S	0367500	1/3", 480TVL, 1 lux, 4-9mm lens, Pendant/Wall, DD, clear bubble, 12/24V, 303x241mm

DUMMY POWERDOMES

VPD-0-DF-S	0363770	Dummy dustproof false ceiling housing, no bracket c/w smoked lower bubble
VPD-0-DP-S	0363780	Dummy internal/external pendant housing c/w smoked bubble
VPD-00-WP-S	0363790	Dummy weather pendent housing c/w bracket & heater assembly & smoked bubble
VPD-FCB	0351510	Fixed camera bracket for VPD-0-WP

INCEILING MOUNT

WALL / PENDANT MOUNT

POWERDOME2 FEATURES	DESCRIPTION
Back-box Memory	Replacement of a unit is simple as there is no need for manual reprogramming. All settings are stored in the camera yoke assembly or housing back box and can be up- or down-loaded as required.
Multi-protocol RS485 & FSK coaxial telemetry	Integrated multi-protocol telemetry simplifies installation upgrades by allowing the dome to be used with all leading control systems and DVRs. FSK telemetry allows a single coax to be used for video and control signals providing cost savings for upgrades to any static camera installations.
Integrated HF lift & Gain	On-board video amplification allows for extended cable runs over 300meters in length on RG59 cable with full telemetry control
Local Alarm Inputs	Integrated with 4-alarm inputs and 2-alarm outputs in the dome head. These can be used in conjunction with the VPD-ALM16 alarm box, giving a total of 20 alarm inputs per dome.
Up to Five Camera Module Options	There are four internal camera modules and five external modules, these include 22:1 colour, 18:1 day/night, 26:1 day/night, 36:1 day night (External only) & 23:1 Wide dynamic range.
Tours	Powerful learn preset tours are available. For the 4 preset tours these may be made up from any 64 of the 128 onboard presets with varying dwell and capture times, alternatively the user can programme 4 x 5 minute learn tours direct from the joystick, with all pan, tilt, and zoom operations being remembered for instant reply.
Standard or Recessed Housing Options Internal option	Choice of standard pendant mount or false ceiling recessed housing with acrylic bubble in a choice of clear, smoked, chrome and gold.
External or Vandal Housing options	Choice of standard pendant mount housing with acrylic bubble or vandal resistant housing fitted with polycarbonate bubble. Both versions are available as clear or smoked options.

VDM-ESM
0094100

VDM-CMAf

VDM-EPMAe

VDM-TM
0094180

STANDARD WALL BRACKET
& VPD-ERM 0094110

VPD-ALM16

POWERDOME^2 ACCESSORIES & BRACKETS

VISTA POWERDOME2 ACCESSORIES

VPD-FCB	0351510	Fixed camera bracket
VPD-DF-B-C	0354300	Dustproof flush bubble clear
VPD-DF-B-S	0354310	Dustproof flush bubble smoked
VPD-DF-B-M	0354320	Dustproof flush bubble chrome
VPD-DF-B-G	0354330	Dustproof flush bubble gold
VPD-DF-VRB-C	0354340	Dustproof flush vandal resistant bubble clear
VPD-DF-VRB-S	0354350	Dustproof flush vandal resistant bubble smoked
VPD-P-B-C	0354380	External / Internal pendant bubble clear
VPD-P-B-S	0354390	External / Internal pendant bubble smoked
VPD-ALM16	0094010	16 Way alarm adaptor for PowerDome2
VPD-PSU1e	0396160	Internal 24V AC 1.5A Power Supply for domes
VPSU24VAC-8X1000i	0395740	Internal 8 x 1amp Separated Isolated 24V AC Power Supply

VISTA POWERDOME™ INTERNAL BRACKETS

VPD-EWM	0094070	Internal / External wall mount bracket
VDM-CMAf	0443350	Corner mount adaptor for wall mount bracket
VPD-P250	0094160	250mm, internal pole, pendant mount
VPD-P500	0094150	500mm, internal pole, pendant mount
VPD-P1000	0094140	1000mm, internal pole, pendant mount
VPD-P2000	0095040	2000mm, internal pole, pendant mount
VDM-PA-PD	0276230	Pole adaptor for PowerDome™
VDM-C	0276250	Coupler (to join VDM-2MP together)
VDM-2MP	0276240	2m pole (can be cut to size)
VDM-GCe	0291100	Girder clamp
VDM-TH	0276270	Solid ceiling adaptor

VDM-2MP

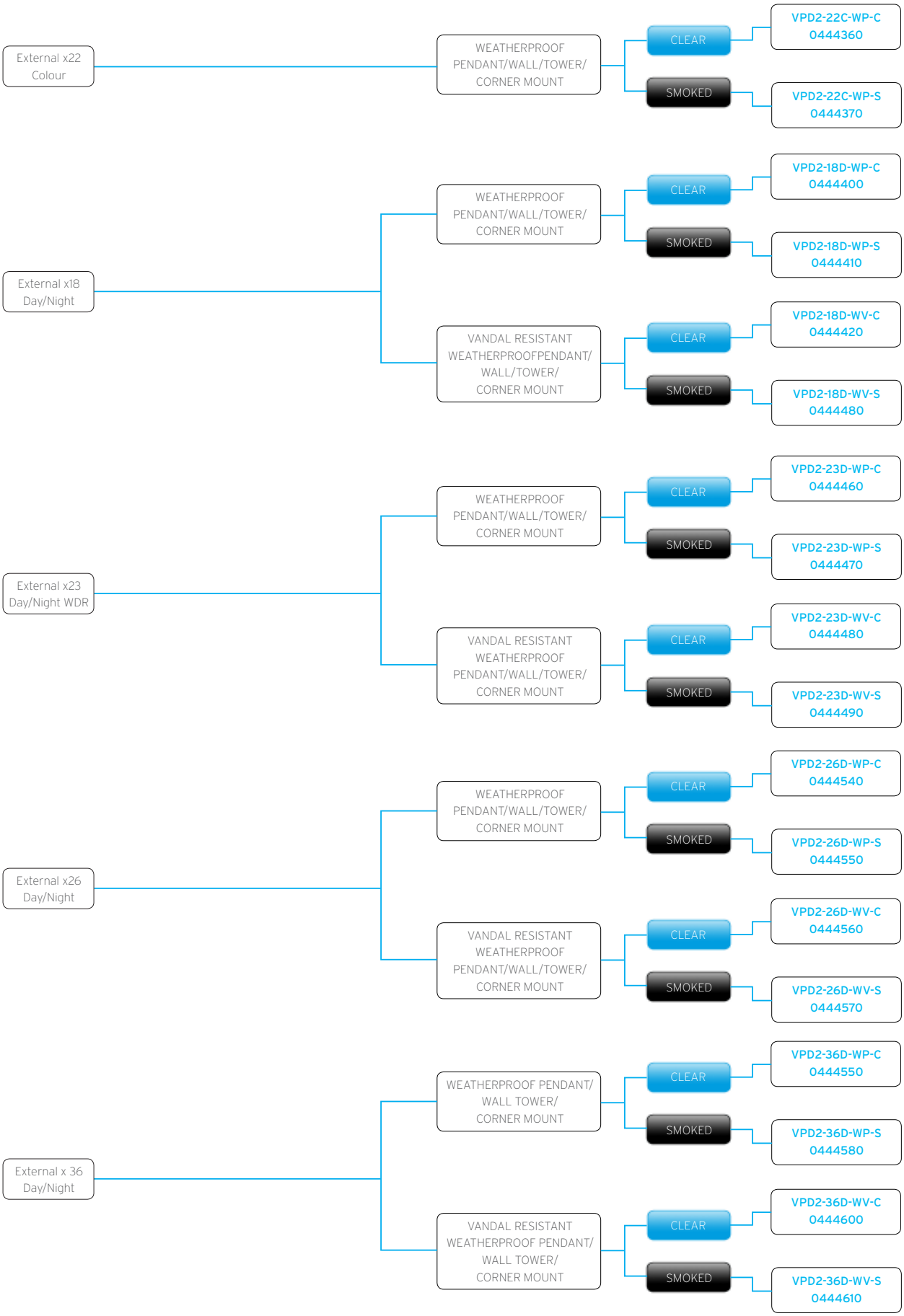
VDM-TH

VDM-P XXX

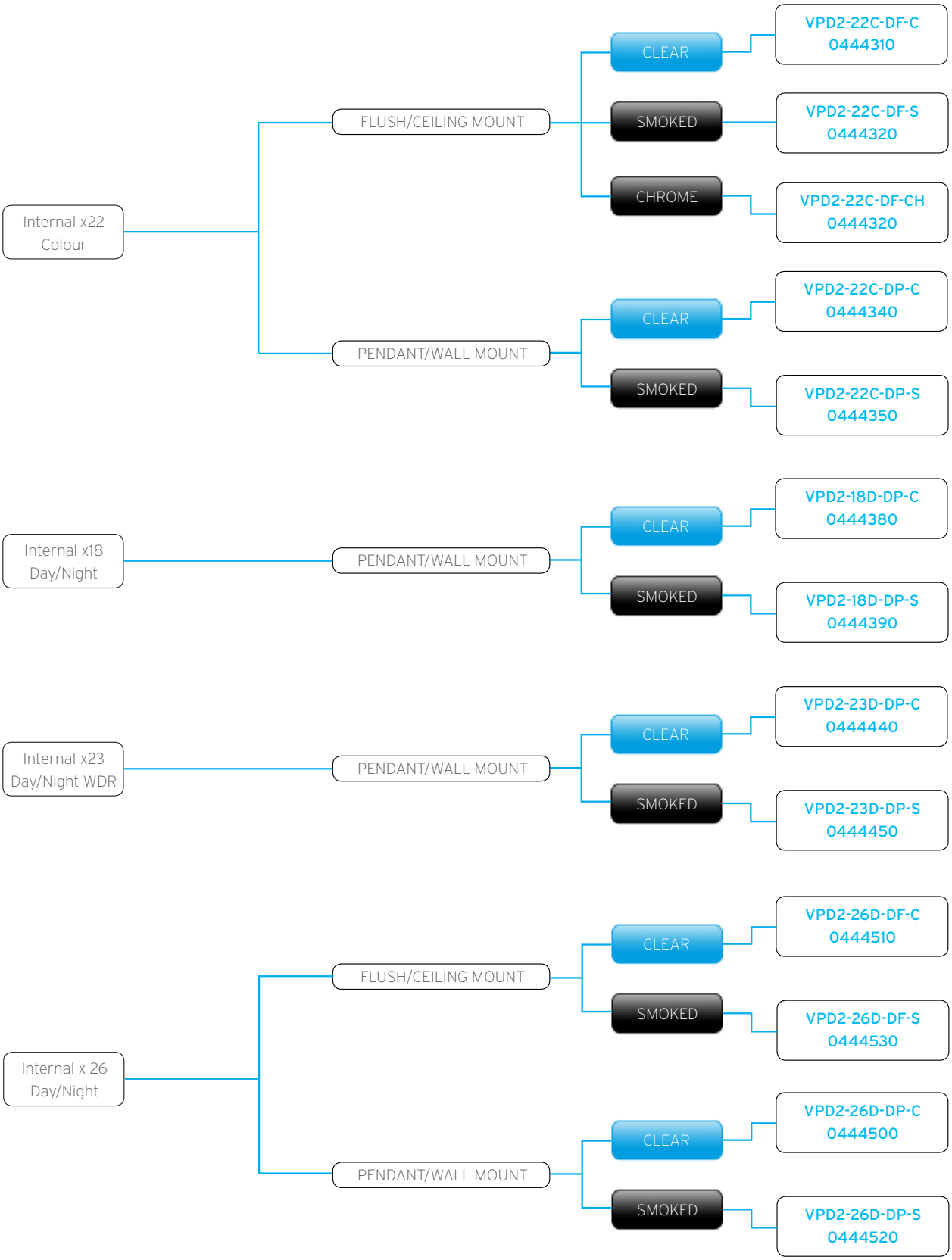
VDM-C

VDM-GCE

POWERDOME² CONFIGURATOR - EXTERNAL



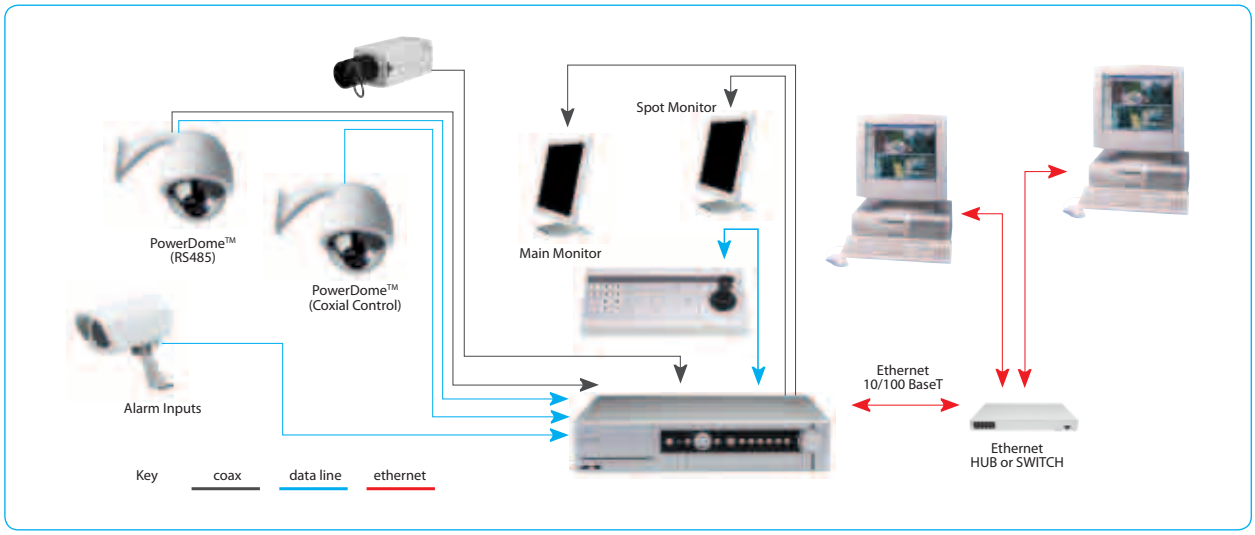
POWERDOME² CONFIGURATOR - INTERNAL



REMOTE KEYBOARDS & CONTROLLERS

VKBD1	0446190	Dome control keyboard (Vista PowerDome RS-485 Protocol)
VKBD3im	0444300	3 axis joystick keyboard for Vista domes, matrix & DVRs (except Quantum), 380x136x110mm silver (Vista PowerDome & Baxnet RS485 protocols)
VKBDRKIT	0443320	Remote Kit for VKBD3im keyboards, allow installation greater than 2m from controller
VSD/16	0349850	16 channel dome protocol star driver RS422/RS485
VPS12-1A	0098260	12V DC 1000mA regulated PSU, 2.1mm DC jack encapsulated

VKBD3im FEATURES	DESCRIPTION
Dual RS485 outputs in DVR mode	Baxnet and Vista PowerDome protocols are provided, thus facilitating control of multiple devices simultaneously in DVR mode.
Matrix mode	Provides control of the Vista VM8 matrix range, up to four keyboards can be connected to one VM8.
3-Axis joystick	Efficient high-speed dome control allowing precise variable speed pan, tilt and zoom positioning.
Quick shortcut keys	Allow for quick and easy set-up and control of multiple device.
Dip-switch set-up for RS485 addressing	Simplifies configuration and programming.
Local or remote keyboard locations	Up to 4-keyboards can be connected and mounted locally to the DVR matrix or up to 1.2km away using a suitable cable



VSD/16 FEATURES	DESCRIPTION
16 Channel driver	The unit works as a distribution repeater for expanding one RS485 communication port into 16 isolated and buffered ports.
Control of up to 256 domes	By connecting 16 daisy-chained domes to each of the 16 ports the installer can have 256 domes installed on one Star driver.
1.2km cable run per port	The maximum distance for single and multiple domes connected to one port is 1.2km.
Removable terminal strip	This makes the installation more convenient for the installer when connecting the cables, especially when it involves multiple domes in a single port.
Looping star drivers	Up to 8 units can be looped together to allow 128 domes to each be connected up to 1.2km away.

VSD/16

MINID SERIES OF MINATURE DVR's

MiniD100-1GBe	0402340	Single Channel mini CIF DVR with Audio and 1GB SD Memory Card
MiniD400-1GB	0445770	Single Channel mini 4-CIF, (H264) DVR with Audio and 1GB SD Memory Card
VFDA3V9BSB/MD	0445530	1/3", 540TVL, 0.65lux, 3-9mm, Built-in MiniD400 D1 DVR, DD, service jack, Remote control, 12/24V, 120x105 black case, smoked bubble, black liner
VFDA3V9WSB/MD	0445520	1/3", 540TVL, 0.65lux, 3-9mm, Built-in MiniD400 D1 DVR, DD, service jack, Remote control, 12/24V, 120x105 White case, smoked bubble, black liner
VFS-L20B-MD	0443490	20" LCD monitor with built in MiniD single channel DVR

MINID RANGE FEATURES	DESCRIPTION
Small, compact and lightweight	The miniature size (90x45x17mm) and lightweight construction (50g) makes the DVR ideal for covert recording and extremely versatile.
Real-time 4CIF recording	The MiniD400 can record real-time images and audio in 4CIF, 2CIF or CIF on to a standard SD card maximum capacity of 8GB. (1GB supplied as standard). The MiniD100e will record real-time in CIF on a 4GB card.
Easy to install	Once the output is connected to a monitor, the simple menu can be navigated using the IR remote control.
Motion detection and alarm input	The MiniD-Series is able to start recording as soon as motion is detected in front of the camera or from an external alarm input, massively increasing the duration of recording.
Pre-alarm with adjustable time	Especially important when in event recording mode, pre-alarm records video prior to the alarm, allowing operators to see what triggered the alarm.
LED indication of alarm/event recording	This simple, visible alert of alarm or event occurrences is especially important for the detection and prevention of staff theft.

VFS-L20B-MD FEATURES	DESCRIPTION
20" LCD TFT screen	Large high-quality display screen with a 700:1 contrast ratio making it ideal for central stration and control room monitoring.
Bulitin MiniD100 recorder for audit trail creation	Real-time recording of all operator camera selections, controls and conversations prior to, during and post any incident.
Operator training	As all composite information viewed on the monitor is recorded onto the SD card, any operator training can be recorded and saved for quick and easy review at a later date. This greatly improves operator training efficiencies.

VFD3V9DN-MD FEATURES	DESCRIPTION
540TVL high-quality images with 3-9mm lens	These high-quality pictures produce great image clarity. While the built-in 4-CIF digital recorder will allow the operator to re-play them.
4-CIF (D1) real-time MiniD recorder	An integrated part of the VFD dome is the 4-CIF real-time (25ips) MiniD recorder. Although supplied with a 1GB Mini-SD card the recorder will accept an optional 4GB card.
Motion detection and alarm input	The VFD3V9-MD will start recording on the detection of motion in front of the camera and on the receipt of an alarm contact, greatly enhancing the record duration and speed of search.
Service jack	The service jack situated on the DVR board allows the installer to make fine zoom & focus adjustments local to the camera without having to find and disconnect the installed video cable usually maintained above the ceiling.
Remote control	The VFD3V9-MD supports VPD-RS485 protocol, which allows the operator to review remotely the recorded video footage.

MINID 100/400

VFS-L20B-MD

MINID

MINID400 PLAYER

VFDA3V9XXX/MD

QUANTUM EVO DVR

QUANTUM EVO DVR

QUANTUM4-80EV	0444980	4 channel, 1 audio, alarm, D, 80GB, 100, LAN, MPEG4 DVR, duplex, USB for Opt archive, RS485
QUANTUM4-160EV	0444990	4 channel, 1 audio, alarm, D, 160GB, 100, LAN, MPEG4 DVR, duplex, USB for Opt archive, RS485
QUANTUM4-320EV	0445000	4 channel, 1 audio, alarm, D, 320GB, 100, LAN, MPEG4 DVR, duplex, USB for Opt archive, RS485
QUANTUM4-80DVDEV	0445010	4 channel, 1 audio, alarm, D, 80GB, 100, LAN, MPEG4 DVR, duplex, DVD-RW, RS485
QUANTUM4-160DVDEV	0445020	4 channel, 1 audio, alarm, D, 160GB, 100, LAN, MPEG4 DVR, duplex, DVD-RW, RS485
QUANTUM4-320DVDEV	0445030	4 channel, 1 audio, alarm, D, 320GB, 100, LAN, MPEG4 DVR, duplex, DVD-RW, RS485
QUANTUM8-160DVDEV	0445040	8 channel, 4 audio, alarm, D, 160GB, 100, LAN, MPEG4 DVR, duplex, DVD-RW, RS485
QUANTUM8-320DVDEV	0445050	8 channel, 4 audio, alarm, D, 320GB, 100, LAN, MPEG4 DVR, duplex, DVD-RW, RS485
QUANTUM8-640DVDEV	0445060	8 channel, 4 audio, alarm, D, 640GB, 100, LAN, MPEG4 DVR, duplex, DVD-RW, RS485
QUANTUM16-160DVDEV	0445070	16 channel, 4 audio, alarm, D, 160GB, 100, LAN, MPEG4 DVR, duplex, DVD-RW, RS485
QUANTUM16-320DVDEV	0445080	16 channel, 4 audio, alarm, D, 320GB, 100, LAN, MPEG4 DVR, duplex, DVD-RW, RS485
QUANTUM16-640DVDEV	0445090	16 channel, 4 audio, alarm, D, 640GB, 100, LAN, MPEG4 DVR, duplex, DVD-RW, RS485
QUANTUM16-1000DVDEV	0445100	16 channel, 4 audio, alarm, D, 1,000B, 100, LAN, MPEG4 DVR, duplex, DVD-RW, RS485

QUANTUM EVO

QUANTUM EVO DVR

QUANTUM EVO FEATURES	DESCRIPTION
R8485 telemetry	Front panel, remote control and software control of PTZ dome using Vista PowerDome, Pelco P and Pelco D protocols.
Low cost, high specification	Designed specifically for cost conscious installations, but with key features usually found on only high-end DVRs.
Fully featured	Simultaneous record, playback, background image archiving and remote viewing is available with no loss or recording performance.
Smooth playback of images	100 Images Per Second recording in standard resolution (CIF), or 50ips in high-resolution (2-CIF).
Maximising disk space	The Quantum EVO use conditional MPEG-4 and not full frame compression so it records a greater amount of information onto a smaller disk space.
Superior image quality	Image quality is an impressive 2-CIF, meaning that quality does not have to be sacrificed when working to a tight budget, 3-level settings for quality allows the unit to be configured exactly as site requirements demand.
Individual picture adjustment	The installer can individually tailor each cameras picture to balance the multi-screen view through control per camera of, saturation, contrast, brightness and hue (NTSC).
Multiple archive mediums	The Quantum can archive video data via the integrated DVD-R (DVD options only), USB 2.0 for external CD/DVD/HDD/Flash & Pen drives.

QUANTUM EVO REMOTE VIEWING SOFTWARE

NAVIGATOR DVR

NAVIGATOR DVR RANGE

NAV4-160	0352480	4 channel, audio, 16 alarm, D+, 160GB, MJPEG/MPEG4, Multi-protocol RS485/FSK, x3 USB, 10/100 LAN, SATA/USB archive
NAV4-320	0352510	4 channel, audio, 16 alarm, D+, 320GB, MJPEG/MPEG4, Multi-protocol RS485/FSK, x3 USB, 10/100 LAN, SATA/USB archive
NAV10-160	0352520	10 channel, audio, 16 alarm, D+, 160GB, MJPEG/MPEG4, Multi-protocol RS485/FSK, x3 USB, 10/100 LAN, SATA/USB archive
NAV10-320	0352530	10 channel, audio, 16 alarm, D+, 320GB, MJPEG/MPEG4, Multi-protocol RS485/FSK, x3 USB, 10/100 LAN, SATA/USB archive
NAV10-640	0352540	10 channel, audio, 16 alarm, D+, 640GB, MJPEG/MPEG4, Multi-protocol RS485/FSK, x3 USB, 10/100 LAN, SATA/USB archive
NAV16-320	0352550	16 channel, audio, 16 alarm, D+, 320GB, MJPEG/MPEG4, Multi-protocol RS485/FSK, x3 USB, 10/100 LAN, SATA/USB archive
NAV16-640	0352560	16 channel, audio, 16 alarm, D+, 640GB, MJPEG/MPEG4, Multi-protocol RS485/FSK, x3 USB, 10/100 LAN, SATA/USB archive
NAV16-1000	0352570	16 channel, audio, 16 alarm, D+, 1000GB, MJPEG/MPEG4, Multi-protocol RS485/FSK, x3 USB, 10/100 LAN, SATA/USB archive
NAV16-2250	0444000	16 channel, audio, 16 alarm, D+, 2250GB, MJPEG/MPEG4, Multi-protocol RS485/FSK, x3 USB, 10/100 LAN, SATA/USB archive
NAVRMK	0442530	Navigator Rack Mount Kit 2U

NAVIGATOR FEATURES	DESCRIPTION
Mouse-driven graphical user Interface	The intuitive interface is simple to use, allowing easy programming and operation without the need for a separate keyboard or PC.
Powerful scheduling	Easy to use graphical representations allow individual alarm, camera record speeds and quality settings to be made to optimise record duration.
Multi-protocol RS485 and UTC/FSK telemetry	The large range of telemetry protocols enable a wide range of dome and PTZ cameras to be selected. Navigator's coaxial telemetry allows functional domes to be added to a system without the need to re-cable or run a dedicated twisted pair.
Dual-coding compression	Video can be stored in two formats: J-PEG for local resolution image recording and MPEG-4 for optimal transmission over networks.
100 Images per second	High-resolution images at user-definable frame rates can switch to record at 100ips upon alarm or operator request CIF on 4-way.
Simple help function	Pressing the 'help' key calls up on-screen information, helping the user to maximise system performance without having to look through paper manuals.
EPoS & text input	Data from external devices can be recorded with video.
One touch' archive video	The built-in DVD archive options allow for the rapid transfer of up to 4.7GB of video at the touch of a button without the need to install any additional playback software on the review PC.
IP network compatible	Triplex 2 can be networked for remote viewing, replay, search, PTZ control and system configuration over an IP network with the supplied client software allowing remote management.

NAVIGATOR DVR

NAVIGATOR 4/10/16

	Navigator 4	Navigator 10	Navigator 16
Video Inputs	4	10	16
Video Outputs	1 x spot & 1 x main	1 x spot, 1 x main, 1 x VCR	1 x spot, 1 x main, 1 x VCR
Alarm Inputs	4	16	16
Alarm Outputs	2	2	2
Video Compression	MPEG4/MJPEG	MPEG4/MJPEG	MPEG4/MJPEG
Record Resolution	2CIF	2CIF	2CIF
Telemetry UTC Protocol	Vista's FSK, Pelco, Dennard and BBV	Vista's FSK, Pelco, Dennard and BBV	Vista's FSK, Pelco, Dennard and BBV
Telemetry RS485 Protocols	Vista PD, DM-Serial, BBV-RS485, Dennard, Ernitec, JVC, Kalatel, Mark Mercer, Panasonic, Pelco-P, Pelco-D, Philips, Samsung, Sanyo, Sensormatic, Ultrak, Vantage, VCL, Vicon, Philips-232AD-Matrix, AD168-Matrix, BBV-Matrix & VCL-Matrix		
Network Compatible	Yes	Yes	Yes
Storage Capacity	160, 320GB	160, 320 or 640GB	320, 640, 1000 or 2250GB
Archive Storage	Via Internal DVD, external USB2 (External HDD and pen drives) and E-SATA	Via Internal DVD, external USB2 (External HDD and pen drives) and E-SATA	Via Internal DVD, external USB2 (External HDD and pen drives) and E-SATA
Global ips Maximum	50@2CIF, 100@CIF	100@2CIF	100@2CIF
Audio Inputs	1	1	1
Audio Outputs	1	1	1
Voltage	100-240V AC	100-240V AC	100-240V AC
Dimensions	440x445x89mm	440x445x89mm	440x445x89mm

BLADE DVR RANGE

BLADE1-04-320	0371020	4 channel, 4 Opt audio, 16 alarm, D+, 320GB, 100ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE1-04-640	0371030	4 channel, 4 Opt audio, 16 alarm, D+, 640GB, 100ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE1-08-640	0362050	8 channel, 4 Opt audio, 16 alarm, D+, 640GB, 200ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE1-08-1280	0362060	8 channel, 4 Opt audio, 16 alarm, D+, 1280GB, 200ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE1-16-640	0362010	16 channel, 4 Opt audio, 16 alarm, D+, 640GB, 400ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE1-16-1280	0362020	16 channel, 4 Opt audio, 16 alarm, D+, 1280GB, 400ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE1-16-2000	0362030	16 channel, 4 Opt audio, 16 alarm, D+, 2000GB, 400ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE1-16-3000	0362040	16 channel, 4 Opt audio, 16 alarm, D+, 3000GB, 400ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE2-04-320	0362140	4 channel, 4 Opt audio, 16 alarm, D+, 320GB, 100ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE2-08-320	0362110	8 channel, 4 Opt audio, 16 alarm, D+, 320GB, 200ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE2-08-640	0362120	8 channel, 4 Opt audio, 16 alarm, D+, 640GB, 200ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE2-08-1000	0362130	8 channel, 4 Opt audio, 16 alarm, D+, 1000GB, 200ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE2-16-320	0362070	16 channel, 4 Opt audio, 16 alarm, D+, 320GB, 400ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE2-16-640	0362080	16 channel, 4 Opt audio, 16 alarm, D+, 640GB, 400ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE2-16-1000	0362090	16 channel, 4 Opt audio, 16 alarm, D+, 1000GB, 400ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE2-16-2000	0362100	16 channel, 4 Opt audio, 16 alarm, D+, 2000GB, 400ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE4-08-320	0362170	8 channel, 4 Opt audio, 16 alarm, D+, 320GB, 200ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE4-08-640	0362180	8 channel, 4 Opt audio, 16 alarm, D+, 640GB, 200ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE4-16-320	0362150	16 channel, 4 Opt audio, 16 alarm, D+, 320GB, 400ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE4-16-640	0362160	16 channel, 4 Opt audio, 16 alarm, D+, 640GB, 400ips, MPEG4, Multi-protocol RS485/FSK, x4 USB, 1G LAN, USB archive
BLADE-AUDIO	0363510	4 Channel audio board for Blade DVRs
BLADE/RK	0442900	Rack Mount Kit for the BLADE DVR Range

BLADE DVR

BLADE FEATURES	DESCRIPTION
Real-time recoding for all cameras	All Vista Blade DVRs are capable of recording a full 25 images per second for each camera. The platforms within the range offer 3-performance levels.
MPEG-4 compression with 9 quality settings	Offering very efficient compression, MPEG-4 delivers excellent video quality whilst requiring relatively low bandwidth and therefore HDD storage space.
Total flexability	By providing a codec for each camera input, Vista Blade DVR's give total flexability, allowing any camera to be set to any compression level, in any quality at any image rate per second, meaning the DVR can be fine tuned to suit any site requirement.
16, 8 and 4 analogue with either 2 or 4 IP camera inputs	Offering the 'best of both worlds' allows system design to take advantage of both analogue and IP cameras and existing or new infrastructures. IP camera input also allows for future expansion requirements.
3TB internal storage	Up to 4 internal drives allow 160GB to 3TB of internal storage maximising record duration without compromising resolution or image capture rates.
HDD cooling tunnels and temperature warning	Maintaining low temperatures is extremely important for the reliability and performance of all HDDs. Vista Blade incorporates purpose designed HDD cooling tunnels and heat sensors which will alarm if temperatures rise above recommended operating levels.
Powerful macros	Developed further from Vista's highly popular and successful Triplex Columbus range, macros allow complex operator actions to be 'learnt' and triggered via keyboard or alarm inputs.
Detailed camera scheduling	Individual camera record speeds, quality settings, alarm events and macros can be set for different times during weekdays and weekends, optimising recording duration and event management.
Network capability	Live and recorded video can be viewed over a network with control of multiple DVRs from multiple locations with MPEG-4, minimising bandwidth requirement. All features and operational control including viewing live with PTZ camera control and recorded data can be accessed and viewed over a network using an internet browser or the supplied viewer software.
Multi-protocol RS485 and UTC/FSK telemetry	A large choice of built-in RS485 telemetry protocols enable a wide range of dome and PTZ cameras to be selected. Vista & BBV's coaxial FSK telemetry allows fully functional domes to be added to a system without the need to re-cable or run a dedicated twisted pair.
Front panel LEDs	Show connected cameras, individual alarms and system status.
Dual digital composite monitors	Both A&B monitor outputs support multi-screen display with full text (quad display monitor B).

BLADE 4/8/16

BLADE DVR CONT

	Blade X-4	Blade X-8	Blade X-16
Video Inputs	4 + 2	8 + 2	16 + 4
Video Outputs	3	3	3
Alarm Inputs	16	16	16
Alarm Outputs	4	4	4
Video Compression	D1, (720 x 576) 2CIF (720x 288) and CIF (312 x 288) selectable per channel machine dependable		
Record Resolution	Blade 1 Real -Time D1 / Blade 2 Real-Time 2CIF / Blade 4 Real-Time CIF		
Telemetry	FSK (UTC coaxial) Vista & BBV and RS485RS485 Vista, Pelco D + many more		
Network Compatible	TCP/IP, UDP, HTTP, DHCP, FTP, SNTP		
Storage Capacity	320GB, 640GB, 1280GB, 2T & 3TB		
Archive Storage Int:	DVD + R		
Archive Storage Ext:	CD, DVD+R via 4 x USB2 (Flash and SATA Drives HDDs)		
Monitor Output	2 x Main (BNC), VGA & DVI		
Multi-Screen	4, 9 & 16 way splits (Real-Time)		
Audio Inputs	4 Channel MPEG1 Option (Request separately)		
Audio Outputs	Phono RCA Option		
Passwords	Up to 24 Levels		
Voltage	120-240 V AC 50/60 Hz		
Dimensions	88mm (H) x 440mm (W) x 580mm (D)		

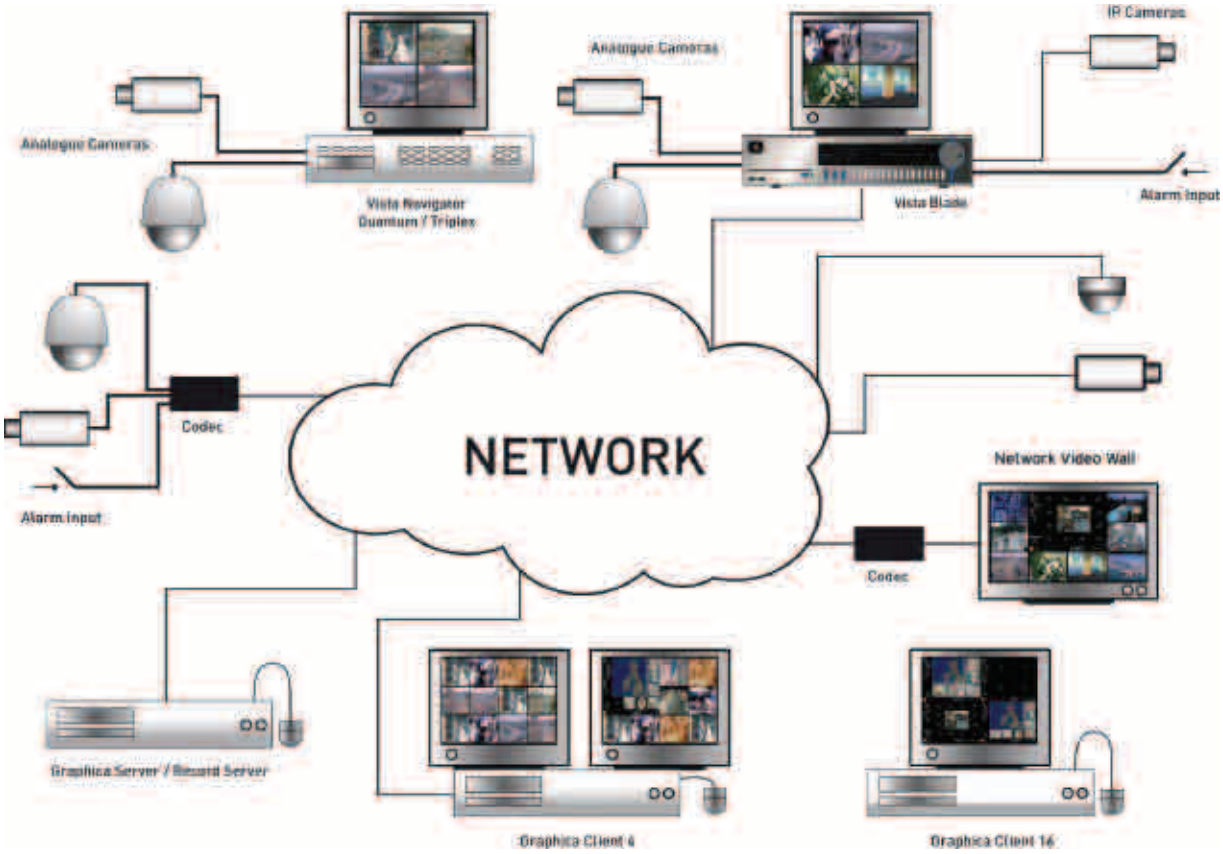
BLADE READER

BLADE BROWSER

GRAPHICA²

Vista Graphica2 is the complete software control and Graphical User Interface for Digital Video Recorders, IP Cameras and network storage. Ranging from single user DVR control to multi-user, multi-site control, Graphica2 provides an graphics based interface as well as an advanced integration platform for both analogue and IP systems.

Combining and benefits of DVR integration and direct IP camera management, Graphica2 is the ideal choice for multiple sites, large facilities, digital/analogue CCTV integration or when just a user-friendly GUI is desired. By uniting analogue and digital connectivity under a common management suite, Graphica2 allows the right technology to be employed to deliver a cost effective surveillance system, merge new & existing technologies and make use of existing infrastructures without compromising on flexibility, performance or future expansion requirement.



GRAPHICA2 - VIDEO MANAGEMENT SOFTWARE

Graphica2-01	Single User Graphical Interface for Vista DVRs
Graphica2-04	4 User Graphical Interface for Vista DVRs
Graphica2-16	16 User Graphical Interface for Vista DVRs
Graphica2-IP-01	Single User Graphical Interface for Vista DVRs & IP recording
Graphica2-IP-04	4 User Graphical Interface for Vista DVRs & IP recording
Graphica2-IP-16	16 User Graphical Interface for Vista DVRs & IP recording
Graphica2-xxxx	Analytics Software Module (please call for more details on complete range)

SYSTEM OVERVIEW

SYSTEM & INTEGRATION

Integration:	Analogue DVRs, IP Cameras & NVRs: Seamless integration of multiple network devices, including
	Leading IP Camera manufacturers Including ACTi, Axis, Bosch, Sony, Vista, and many others (NB camera licence required)
	All Vista Digital Video Recorders: - Vista Blade - Vista Navigator - Vista Columbus Triplex 1/2 - Vista Quantum - 3rd party DVRs – check for latest compatibility
	NVRs – check for latest compatibility
	Vista Video Wall decoder
	Unlimited number of DVR/IP camera video streams
	Supporting unlimited video streams directly from IP cameras or via NVRs/DVRs. Up to 32 camera display/record per server.
Concurrent Multi-Users	
	Up to 16 concurrent users with individual user privileges and operator rights
	Alarm monitoring
	Events and alarms from connected devices including DVRs and cameras can trigger messages, output actions, site map location alerts well as displaying related live video.

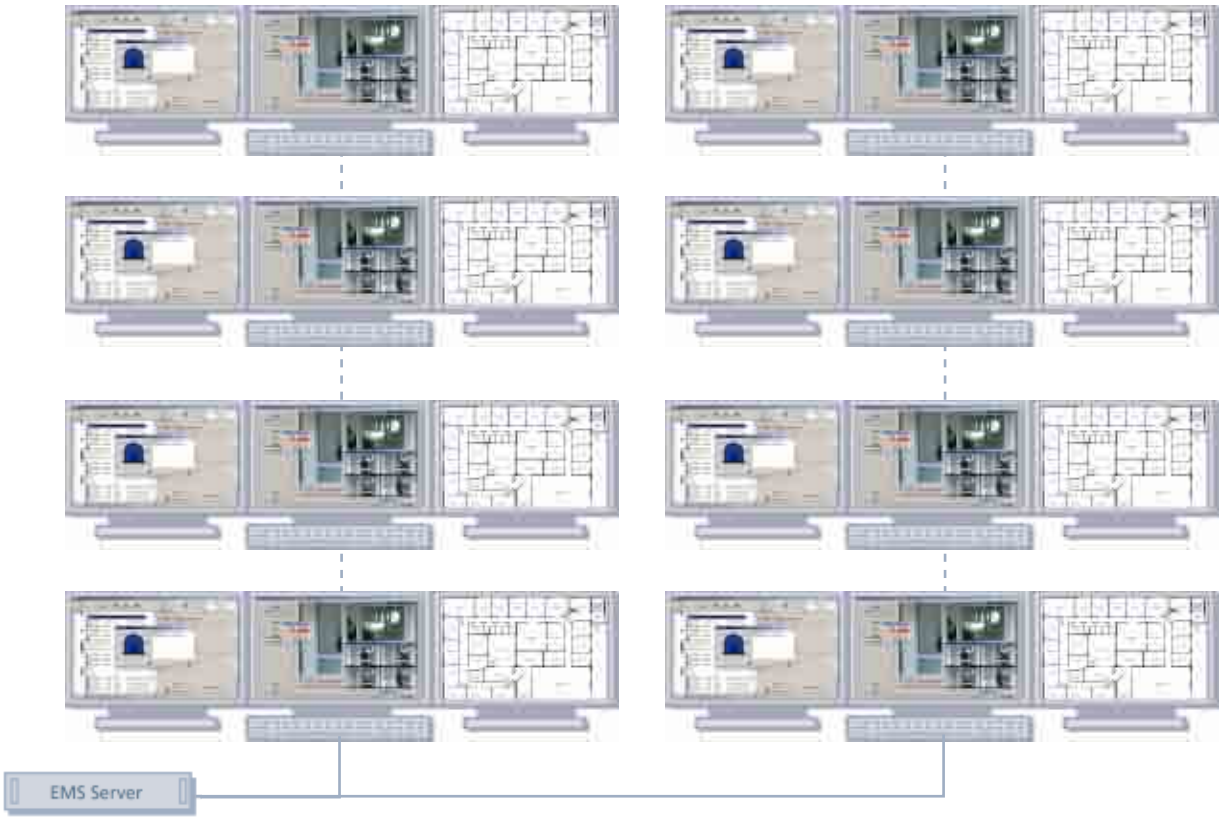
GRAPHICA 2

GRAPHICS² FEATURES	DESCRIPTION
Scalable, flexible software solution	From one user, one DVR/IP camera to muti-site, multi-user operation, Graphica2 is completely scalable and flexible to suite the application.
Full range of DVR, NVR, & IP camera support	In addition to Vista's extensive ranges of DVRs, including Columbus Triplex, Blade, Navigator & Quantum, leading IP manufacturers are also supported allowing existing and new technology to be integrated through one system.
Analogue and digital IP – have the best of all worlds	Extract the best from existing and future technologies as well as utilising current infrastructure without compromising system operation and integration.
Dynamic mapping	Site Maps can be created or imported to show camera and device location & positioning, simplifying user control whilst making identification of alarms and events more informative and logical.
Full remote system control	Includes remote playback of DVR recorded video, control of PTZ cameras/domes and scheduling of alarms and recording of IP camera video streams via PC from any location.
Import or create site plans	Import existing floor plans & images or create new ones with Vista Graphica Designer.
Drag and drop dynamic system icons	CCTV equipment device icons can be placed in the correct position for identification and control.
Multi-level linked site plans	Multiple site maps and floor plans can be linked to provide a complete overview as well detained surveillance system design to allow quick and simple navigation across different locations, buildings, floors and areas.
Multi-Screen display	Each client can control up to 3 monitors allowing site plans, system information and up to 32 video streams to be viewed from any device from any location.
Tree view and 'favourites' displays	Video from individual cameras can be selected via tree structure or via user defined Favourite quick-views.
Virtual matrix via DVRs and IP cameras	Up to 32 video streams per user can be viewed in multi-screen and selected from any location and connected video source.
REMOTE SYSTEM CONTROL	
Control DVRs remotely	Control of key functions to remotely view live, playback recorded video, perform local searches.
PTZ/dome camera control	Control of connected cameras regardless of whether they are directly connected (eg IP cameras) or via connected DVRs.
FEATURES	**DESCRIPTION**
Export of Video and still images	Video can be downloaded from the DVRs and exported to standard .avi files or original DVDs format with player software.
IP CAMERA AND DEVICE SUPPORT	**DESCRIPTION**
Direct IP camera streaming recording	Control of key functions to remotely view live, playback recorded video, perform local searches.
Scheduled camera recording	Recording to PC Server or network storage can be scheduled to minimise network traffic and prioritise recorded information.
Video wall options	Up to 16 cameras can be displayed anywhere on the network on a standard PC monitor via Vista's Video Wall decoder will full drag and drop remote camera display selection.
Video motion detection on replay or live video streams	Up to 32 video streams per server.

EMS EVENT MANAGEMENT SYSTEM

VLS-CSER	0262360	EMS Event Management System server software
VLS-CCLNT	0262330	EMS Event Management System client software
VLS-MySQL	0288610	EMS Event Management System database software
VLS-VW		Smart Video Wall software

EMS FEATURES	DESCRIPTION
Quad alarm window	Each segment shows a different image around the alarm activation providing an invaluable tool for detecting the true cause of an alarm.
Event handling screen	This screen displays all information relating to the status of new alarms and can be viewed as free text or picked from a list of standard, pre-determined responses, providing alarm specific action plans on customer, location and transmitter.
Server/client architecture	Although this is a multiple operator system there is a central database for single point of data entry, with configurable client operator rights allowing for decentralised maintenance of the master database.
Interactive site maps	These maps allow the operator to track the intruder around the site by location rather than just camera name and number.
Reporting	The full reporting package provides information on, user activities, user specific entries, total number of alarm activations, response time to alarms and total alarm handing time per call. Also included are the full database search, customised analysis of events and archived video recordings.



SMART VIDEOWALL

SMART VIDEOWALL FEATURES	DESCRIPTION
Displays of up to 64 live video on up to 4 monitors	This powerful software will allow the operator to view up to 64 live video feeds, giving up to 16 images per monitors.
Connection to 64 transmitters:	The Smart VideoWall software will allow the operator to connector one camera from each of 64 separate transmitters simultaneously.
4 virtual monitors with individual layout profiles:	An operator can easily view both the most critical and most popular screen profiles using the Smart VideoWall's software.
PTZ control:	The software offers intuitive control and operation of PTZ cameras automatically detecting which cameras are suitable and presenting an on-screen navigation tool.
Relay control:	The operator using the on screen switches can trigger site relays.
Online evaluation SmartDisc archive and SmartTel pre-alarms:	As well as live images, the operator can recall archived images from any of the connected SmartDisc devises as well as the Pre-alarm images from SmartTel devices.

SMART VIDEOWALL

SMARTDISC DIGITAL RECORDER

VLS-02DR120	0352750	2 way SmartDisc real-time with built-in LAN, 120HDD telemetry and audio
VLS-04DR	0099240	4 way SmartDisc with built-in LAN, telemetry and audio
VLS-04DR2	0345220	4 way SmartDisc2 real-time with built-in LAN, telemetry and audio
VLS-04DRTA	0099250	4 way SmartDisc with built-in LAN, telemetry, audio and ISDN
VLS-10DR	0098760	10 way SmartDisc with built-in LAN, telemetry and audio
VLS-10DR2	0345230	10 way SmartDisc2 real-time with built-in LAN, telemetry and audio
VLS-10DRTA	0098750	10 way SmartDisc with built-in LAN, telemetry, audio and ISDN
VLS-CPRO	0252090	SmartControl Pro Software to control up to 9 sites

SMARTDISC FEATURES	DESCRIPTION
Real-Time recording	Real-time recording on all cameras (real-time units only)
Multi-Uncast server function and Web browser software	Support of six simultaneous IP connections or five simultaneous IP and one dial-up connection. When using the IP web server, an additional four connections via a PC, Smart Phone or a PDA browser are available as well as the five simultaneous IP connections.
Integrated telemetry	Capable of supporting any one of 30 different dome protocols including the Vista PowerDome.
Includes SmartControl monitoring software	Monitoning software provided with each unit at no additional charge.
16 relay expansion card	For control of additional external devices.
Multi-Unicast server function	Supports 4-simultaneous IP, 2 dial up connections and email.
Wide choice of transmission media	Including GSM, GPRS, PSTN, ISDN, 3G, ADSL, LAN, WAN, RS232 and HT connect.
Integral audio recording and transmission	Bi-directional audio transmission (speak and listen) supported whilst recording audio continually or an alarm triggered event-only basis.
Manual or event-triggered alarm connections	The SmartDisc will automatically call out to the predetermined numbers of the central monitoring station when an event is triggered, allowing for real-time responses to incidents to be made, full response details are held within the Smart monitoring software operated by the monitoring station.
Text input	Monitor, alarm and search on text input from EpoS / ATM systems.
Receiving station software operated by c. 30 ARCs through out the UK	Great choice of monitoring & service packages from a large number of 3rd party monitoring stations.

VLS-10D22

VLS02-DR120

SMARTMOBILE DVR

SMARTMOBILE

VLS-04DRMOB	0396850	4 way Smart Mobile with built-in LAN telemetry, audio and connection for GSM/GPRS
VLS-10DRMOB	0295480	10 way Smart Mobile with built-in LAN telemetry, audio and connection for GSM/GPRS
VLS-DR120MOB	0296150	SmartMobile 120GB HDD for SmartMobile recorder
VLS-DR250MOB	0444950	SmartMobile 250GB HDD for SmartMobile recorder
VLS-MOBMT	0296130	SmartMobile mounting plate
VLS-GSMN12	0276570	GSM Module Teltonika T-Modem (GSM/HSCD), SIM card NOT Included
VLS-3Grouter	0399550	3G router TDT R52u router for use on UMTS, HSDPA or GPRS networks SIM card NOT Included

SMART MOBILE FEATURES	DESCRIPTION
4 & 10 camera variants	Choice of size options to meet application needs.
Ruggedised vibration protected hard drive up to 250GB	Required for reliable recording and longevity
Approved for railway rolling stock applications	EN61373 and EN50155.
Integrated telemetry	Direct and remote control of Vista and many other 3rd party domes and PTZs built in
Includes SmartControl monitoring software	Monitoning software provided with each unit at no additional charge.
16 relay expansion card	For control of additional external devices.
Multi-Unicast server function	Supports 4-simultaneous IP, 2 dial up connections and email.
Wide choice of transmission media	Including GSM, GPRS, PSTN, ISDN, 3G, ADSL, LAN, WAN, RS232 and HT connect.
Integrated audio	For full duplex bi-directional audio transmission.
25MB of pre-alarm memory	Enables easy verification of alarm via video recorded prior to event.
Text input	Monitor, alarm and search on text input from EpoS / ATM systems.
Receiving station software operated by c. 30 ARCs through out the UK	Great choice of monitoring & service packages from a large number of 3rd party monitoring stations.

VLS-DR10MOB

SMARTTEL TRANSMISSION EQUIPMENT

VLS-04TR	0233590	4 way SmartTel with built-in LAN, telemetry and audio
VLS-04TRTA	0233580	4 way SmartTel with built-in LAN, telemetry, audio and ISDN
VLS-10TR	0099230	10 way SmartTel with built-in LAN, telemetry and audio
VLS-10TRTA	0099220	10 way SmartTel with built-in LAN, telemetry, audio and ISDN
VLS-CPRO	0252090	SmartControl Pro Software to control up to 9 sites

SMARTEL FEATURES	DESCRIPTION
Multi-Uncast server function and Web Browser Software	Support of six simultaneous IP connections or five simultaneous IP and one dial-up connection. When using the IP web server, an additional four connections via a PC, Smart Phone or a PDA browser are available as well as the five simultaneous IP connections.
Integrated telemetry	Capable of supporting any one of 30 different dome protocols including the Vista PowerDome.
Includes SmartControl monitoring software	Monitoning software provided with each unit at no additional charge.
16 relay expansion card	For control of additional external devices.
Multi-Unicast server function	Supports 4-simultaneous IP, 2 dial up connections and email.
Wide choice of transmission media	Including GSM, GPRS, PSTN, ISDN, 3G, ADSL, LAN, WAN, RS232 and HT connect.
Integral audio transmission	Bi-directional audio transmission (speak and listen) supported.
Manual or event-triggered alarm connections	The SmartDisc will automatically call out to the predetermined numbers of the central monitoring station when an event is triggered, allowing for real-time responses to incidents to be made, full response details are held within the Smart monitoring software operated by the monitoring station.
Receiving station software operated by c. 30 ARCs through out the UK	Great choice of monitoring & service packages from a large number of 3rd party monitoring stations.

VLS-ALM50 FEATURES	DESCRIPTION
50-Alarm input module	Large and complicated sites can be handled with one Smart transmitter.
Alarm mapping	Alarm inputs can be mapped to any of the camera inputs, allowing recording on any camera from any alarm input.
Triggering presets	Any alarm input can trigger any PTZ/dome preset, ensuring that events are captured from any suitable camera.
No need for sophisticated alarm matrix	Preset position commands are issued through the SmartTel or SmartDisc.

VLS-04/10TR

VLS-CPRO SOFTWARE

VLS-ALM50

SMART RANGE ACCESSORIES

VLS-GSMN12	0276570	GSM Module Teltonika T-Modem (GSM/HSCD), SIM card NOT Included
VLS-3Grouter	0399550	3G router TDT R52u router for use on UMTS, HSDPA or GPRS networks SIM card NOT Included
VLS-DR320	0244640	SmartDisc 320GB HDD for SmartDisc Recorder
VLS-DR500	0339680	SmartDisc 500GB HDD for SmartDisc Recorder
VLS-DR1000	0442730	SmartDisc 1000GB HDD for SmartDisc Recorder
VLS-DRC	0084550	SmartDisc Caddy additional HD carrier for PC installation
VLS-DRUSBe	0345250	SmartDisc USB PC kit for review of hard disk
VLS-AIM	0310560	Smart audio interface module, to interface with Videx audio panels
VLS-TEXT01	0345610	SmartDisc ATM/EPOS interface single channel
VLS-TEXT04	0345620	SmartDisc ATM/EPOS interface four channel
VLS-ALM50	0442890	Smart 50 input alarm expansion module offering mapping of any alarm to any camera and the ability to trigger PTZ/Dome "Preset positions" on alarm.
VLS-AUDIOBRD	0395610	Audio boards for the SmartDisc/Tel Range
VLS-PSU	0255300	4.2AMP 12V DC Power Supply for the SmartDisc/Tel Range

SMARTVIEW

VLS-TEXT

VLS-GSMN12

VLS-AIM

TRIPLEX2 DVD DIGITAL RECORDER

VC04Te2-320DVD	0299520	4 channel, alarm, D+, 320GB, 50, JPEG2000, 485/coax, LAN, DVD
VC10Te2-320DVD	0299610	10 channel, alarm, D+, 320GB, 50, JPEG2000, 485/coax, LAN, DVD
VC10Te2-600DVD	0299620	10 channel, alarm, D+, 600GB, 50, JPEG2000, 485/coax, LAN, DVD
VC16Te2-320DVD	0299690	16 channel, alarm, D+, 320GB, 50, JPEG2000, 485/coax, LAN, DVD
VC16Te2-600DVD	0299700	16 channel, alarm, D+, 600GB, 50, JPEG2000, 485/coax, LAN, DVD

	Triplex 2 DVD
Video Inputs	4, 10 or 16
Video Outputs	2
Alarm Inputs	16
Alarm Outputs	2
Video Compression	JPEG2000
Record Resolution	2CIF
Telemetry Protocol	FSK (coaxial) Vista PowerDome
Network Compatible	Yes
Storage Capacity	160, 320 or 600GB
Archive Storage	On board DVD
Global ips Maximum	40
Audio Inputs	1
Audio Outputs	1
Current Consumption	60W
Voltage	12V DC, 90-264V AC, PSU supplied
Dimensions	330x343x89mm

TRIPLEX DVR

TRIPLEX FEAUTRES	DESCRIPTION DVD RANGE
4, 10 & 16 camera options & choice of internal storage sizes	Triplex 2 is available in 3 different camera sizes and a range of storage options up to 600GB allowing the correct choice of DVR for the specific installation requirement.
One touch' archive video	The built-in DVD archive options allow for the rapid transfer of up to 4.7GB of video at the touch of a button without the need to install any additional playback software on the review PC.
JPEG2000 (Wavelet) compression	JPEG2000 compression offers individual frame compression which maximises resolution on the more complex parts of the image such as faces and areas of detail without compromising on storage and band width efficiency.
EPOS connectivity	Triplex 2 integrates with many EPOS systems enabling video to be recorded and displayed with transactional data for detection and identification of theft at the point of sale.
IP network compatible	Triplex 2 can be networked for remote viewing, replay, search, PTZ control and system configuration over an IP network with the supplied client software allowing remote management.
UTC/FSK telemetry	Vista's coaxial FSK telemetry allows fully functional domes to be added to a system without the need to re-cable or run a dedicated twisted pair. .

VC16TE2 TRIPLEX DVR

TEAM

TEAM04	0094970	4 way text insertion module for Triplex & Navigator DVRs
TEAM16	0094980	16 way text insertion module for Triplex & Navigator DVRs
Till Interface		Till Interface module to work with TEAM unit - Till specific
Till Interface Cable		Special cable for connecting Till interface to Till

KEY FEATURES

- Search on transactions, till ID, product code or operators
- View transactions on Wavereader in a scalable scrolling window
- Gives the ability to connect up to 16 POS systems to 1 Columbus
- RS232 connection to Columbus, leads supplied
- Small discrete unit can easily be installed in a space-restricted area
- Can be installed up to 4000ft from POS system
- Unique Till interface
- Till interface required per till
- 4 & 16 way units

TEAM unit, till and screen display from a PC

TIME-LAPSE

VVRL-27	0039030	3/12/24 hour VHS time-lapse, alarm, event, BST ADJ 270x36x94mm
VVRL-960	0093440	960 hour VHS time-lapse tape jog shuttle alarm RS232 100-240V, 360x94x270mm

LOCKABLE DISPENSER UNIT

VLBMUX	0093090	Dual lock box digital recorder c/w shelf and CD R/W, 560x500x215mm
VLBDVR	0093250	Dual lock box digital recorder c/w shelf and CD R/W, 560x500x313mm

VVRL-960

VLB DVR

VM8 MATRIX

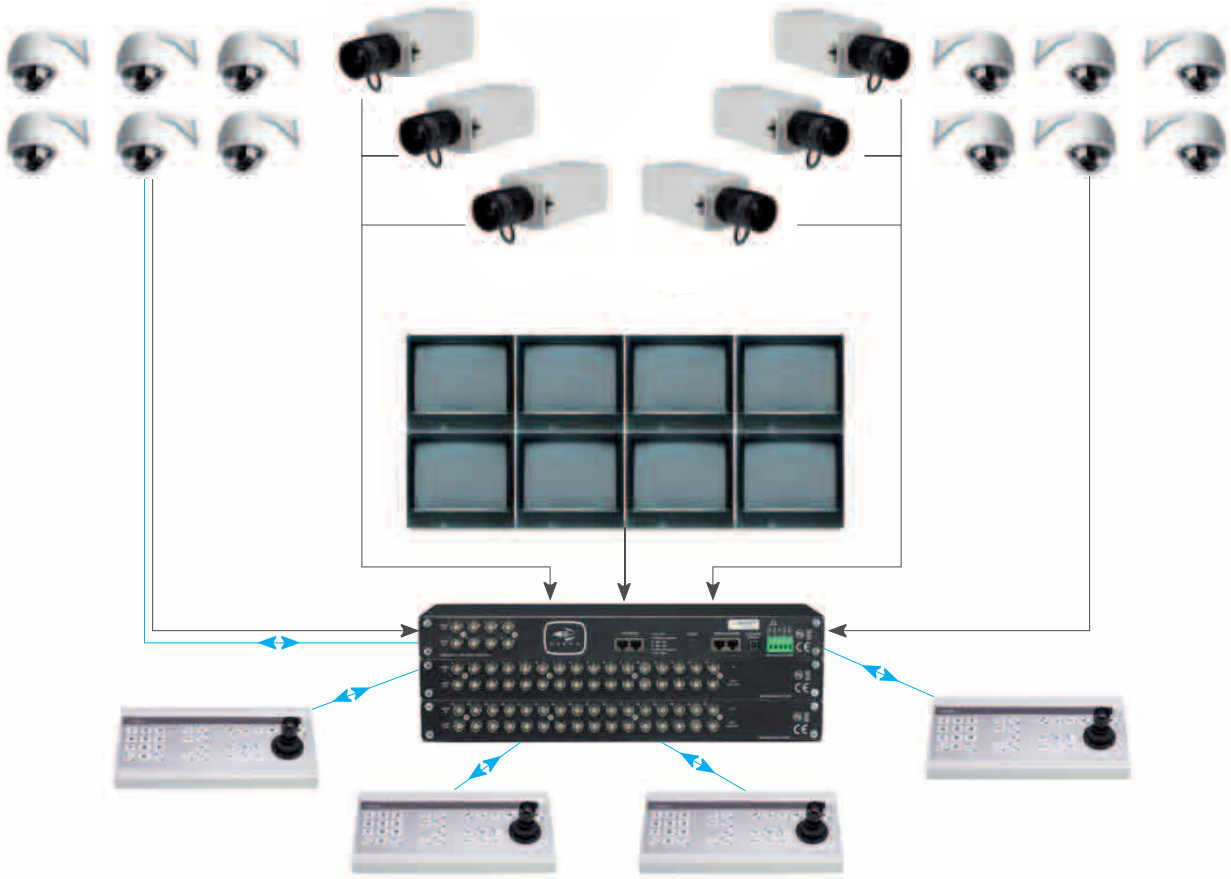
TELEMETRY MATRICES

VM8-1600	0444240	16 Input 8 Output matrix Vista RS-485, FSK Tel. Requires a VKBD3im
VM8-3200	0444250	32 Input 8 Output matrix Vista RS-485, FSK Tel. Requires a VKBD3im
VM8-4800	0444260	48 Input 8 Output matrix Vista RS-485, FSK Tel. Requires a VKBD3im
VM8-6400	0444270	64 Input 8 Output matrix Vista RS-485, FSK Tel. Requires a VKBD3im
VM8-8000	0445240	80 Input 8 Output matrix Vista RS-485, FSK Tel. Requires a VKBD3im
VM8-9600	0444280	96 Input 8 Output matrix Vista RS-485, FSK Tel. Requires a VKBD3im
VM8-AL16	0444290	16-Alarm input module for the VM8 range of matrices
VKBD3im	0444300	3 axis joystick keyboard for Vista domes, matrix & DVRs (except Quantum) 380x136x110mm silver
VKBDRKIT	0443320	Remote Kit for VKBD31 keyboards, allow installation greater than 2m from controller
VSD/16	0349850	16 channel dome protocol star driver RS422/RS485

VM8 MATRIX FEATURES	DESCRIPTION
Multi-protocol dome control	Incorporating both RS485 and coaxial telemetry, various manufacturers' dome and PTZ cameras can be integrated and controlled on the same installation.
Up the coax control	Allows replacement of static cameras with PTZs without expensive cabling.
Up to 4 keyboard control locations	Keyboards connect via RS422 control bus, with different rights for camera access and control functions.
8 monitor outputs	8-fully independent outputs are controlled from any of the four keyboards, with individual camera selection and sequence options for each of the 8 monitors.
Alarm board	16-Way alarm when ordered separately.

VM8 MATRIX

Number of Video Inputs	16, 32, 48, 64, 80, 96
Number of Monitors	8
Alarm inputs	Upto 96 N/C
Keyboard operation	Up to 4 control keyboards
Power Consumption	5 Amps, 60W
Communication	FSK PowerDome & BBV RS485 PowerDome & BBV
Colour	Black
Rack/Wall mount	Comes with Mounting brackets
Operating Temperature	-10 to +40ÐC
Power Voltage	9V - 12V DC
Dimension	900 x 350 x 350
Weight	20Kg



Key coax data line

LCD FLAT SCREEN

LITE

VFS-L15B	0444080	15" LCD TFT monitor, 1024x768 pixels, black casing, 500:1, 8mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 24W, 340x351x190mm
VFS-L15W	0444090	15" LCD TFT monitor, 1024x768 pixels, white casing, 500:1, 8mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 24W, 340x351x190mm
VFS-L17B	0444100	17" LCD TFT monitor, 1280x1024 pixels, black casing, 700:1, 6mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 34W, 372x360x190mm
VFS-L17W	0444110	17" LCD TFT monitor, 1280x1024 pixels, white casing, 700:1, 6mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 34W, 372x360x190mm
VFS-L19B	0444120	19" LCD TFT monitor, 1280x1024 pixels, black casing, 1000:1, 5mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 39W, 420x410x190mm
VFS-L19W	0444130	19" LCD TFT monitor, 1280x1024 pixels, white casing, 1000:1, 5mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 39W, 420x410x190mm

PROTOS

VFS-P15B	0444140	15" LCD TFT monitor, class 1, 1024x768 pixels, black casing, 500:1, 8mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 36W, 340x355x190mm
VFS-P15W	0444150	15" LCD TFT monitor, class 1, 1024x768 pixels, white casing, 500:1, 8mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 36W, 340x355x190mm
VFS-P17B	0444160	17" LCD TFT monitor, class 1, 1280x1024 pixels, black casing, 1000:1, 5mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 30W, 372x360x190mm
VFS-P17W	0444170	17" LCD TFT monitor, class 1, 1280x1024 pixels, white casing, 1000:1, 5mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 40W, 372x360x190mm
VFS-P19B	0444180	19" LCD TFT monitor, class 1, 1280x1024 pixels, black casing, 1000:1, 5mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 43W, 420x410x190mm
VFS-P19W	0444190	19" LCD TFT monitor, class 1, 1280x1024 pixels, white casing, 1000:1, 5mS, BNC, S-VIDEO, DVI-1 audio, 12V DC, 43W, 420x410x190mm

VFS-LW/VFS-PW

VFS-LB/VFS-PB

VFS RANGE OF LCD TFT MONITORS FEATURES	DESCRIPTION
High Contrast	1000:1 contrast display provides crisp clear images
Fast response	Response time down to 5mS reduces blur on moving images.
Dual video input	2 independent video inputs, both looping, allow connection of 2 separate composite inputs
PC input	DVI input allows connection of PC.
Direct	Direct selection of the video input simplifies user control
Wide angles	Viewing angles of up to 170 degrees in horizontal and 160 degrees vertical allow operators to view images when away from work station.
Locking	Front panel key lock allows units to be locked down and avoids unwanted tampering
Running clock	Internal timer shows how long the monitor has been in use
Multiple size options	Available in 15", 17" or 19" to suit the majority of installation requirements
OSD	Multi lingual OSD allows simple set up
Desk or wall mount	Supplied with removable desk mount and VESA compatible allows fitting as site requires
VFS-P ADDITIONAL FEATURES	**DESCRIPTION**
Glass	Glass front screen improves image quality and protects against acts of vandalism
Filters	3D comb filter improves image quality by reducing cross hatch effects seen on vertical colours.
Freeze	Freeze frame option allows operator to freeze any image on screen at will

VFSP & L RANGES	
Display	15", 17" & 19"
Resolution	1024 x 768 (15"), 1280 x 1024 (17" & 19")
Viewing Angles	15" 70/70/65/65 17" 80/80/80/80 19" 85/85/80/80
Contrast	500:1 15", 1000:1 17", 1000:1 19"
Brightness	250cd/m2 (15&19"), 300cd/m2 (17")
Response time	8ms (15"), 5ms (17")& (19") VFSP 8ms (15"), 6ms (17"), 5ms (19") VFSL
Looping	2x BNC
OSD Language	English, French, German, Italian, Spanish, Polish, Dutch
Power Supply	12V DC 3.0A (15"), 3.25A (17") & 3.5A (19")
Power Consumption	30W (15"), 41W (17") & 45W (Standby 2W)
Colour	Black & White options
Screen	Glass VFSP Range, Plastic VFSL Range
Material	Plastic case

NETWORKED LCD DISPLAYS

PVM20	0371900	20" HD display c/w integral camera, HDD & networked for running PoS display videos
PVM32	0371910	32" HD display c/w integral camera, HDD & networked for running PoS display videos

PVM20 & 32 FEATURES	DESCRIPTION
Display in multiple formats	The user can upload their own video, still image or text files to be displayed on the monitor, as well as individual audio files.
Run on demand or schedule	Files can be manually activated as and when required or programmed to run according to time schedules.
Network connection	16 networked monitors can be configured from a remote PC with all video or text details uploaded and stored on each monitor's own HDD.
Switch between advertising and live footage	Each monitor can display CCtV images and then automatically switch to promotional video/text on detection of motion, either as a full screen image, or as Picture in Picture (PiP).
Desk or wall mountable	All monitors are supplied with desk mount stand as standard. Wall mounting is possible with the use of a standard VESA mount. .
Broadcast emergency details	The monitors can run files to request evacuation of the building in the event of an emergency.

PVM20/32

VFSM/MSL

VFSM20/32

VFS-L20B-MD

TFT LCD FLAT SCREEN

VFS-L20B-MD	0443490	20" LCD TFT monitor with built-in MiniD100 single channel DVR
VFSM19MSL	0324130	19" LCD TFT metal cased monitor, 1280x1024 pixels, black casing, multi-standard, audio, video, RGB, Y/C, 12V DC, 419x362x54mm
VFSM17MSL	0324090	17" LCD TFT metal cased monitor, 1280x1024 pixels, black casing, multi-standard, audio, video, RGB, Y/C, 12V DC, 398x334x49.5mm
VFSM15MSL	0443430	15" LCD TFT metal cased monitor, 1280x1024 pixels, black casing, multi-standard, audio, video, RGB, Y/C, 12V DC, 398x334x49.5mm
VFSM20/DS	0252080	20.1" LCD TFT colour monitor, 640x480 pixels, silver casing, multi-standard, audio, video, 90-240V AC, 572x42x68mm
VFSM20CAM/DSe	0282960	20.1" LCD TFT colour monitor, 640x480 pixels, silver casing, multi-standard, audio, video, built-in hi-res 4-8mm camera, 90-240V AC, 572x42x68mm
VFSM20CAM2/DS	0253160	20.1" LCD TFT colour monitor, 640x480 pixels, silver casing, multi-standard, audio, video, 2x built-in hi-res 4-8mm camera, 90-240V AC, 572x42x68mm
VFSM32MSL	0324140	32" LCD TFT metal cased monitor built in 4 way mux 100- 240V AC 804 x 512 x 96.8mm

VFSM-MSL RANGE FEATURES	DESCRIPTION
17" & 19" with a compact design	These are the most popular TFT panel sizes required for today's applications housed in the same style metal casing, allowing maximum flexibility without compromise on design.
High brightness and contrast ratio	An exceptionally high image quality is realised due to the 300cd/m2 brightness and 1000:1 contrast ratios.
Motion, still & progressive motion modes	These options allow the user to select the best performance criteria for the specific requirement. This ensures that the best possible images are provided for all applications and environments.
On screen display	Intuitive on-screen display allows for easy set-up and adjustments in multiple languages.
Exceptionally fast response time	A major requirement for live video is that there is little or no time lag when viewing real-time CCTV images. These monitors meet this requirement with a response time as low as 8ms.

VFSM20/DS RANGE FEATURES	DESCRIPTION
Integrated 480TVL resolution colour camera	The high-resolution colour camera fitted with a 4-8mm varifocal lens, allows adjustment to suit site specific viewing requirements, providing covert surveillance for areas such as entry/exit locations with sharp high-resolution images.
High brightness and contrast screen	The TFT LCD screen can be seen in a wide variety of lighting conditions, ensuring a clear view at all times from extremely wide viewing angles.
Fully programmable via remote control	No need for fiddly adjustments on the screen itself. Especially convenient if mounted in a hard to reach place such as hanging from a ceiling in the case of public viewing monitors.
Motion detection	Able to detect when a person walks in front of the camera, the unit will automatically switch from remote to internal camera to ensure people are aware of surveillance.
Built-in light sensor	Gives you the option of prolonging lifespan by automatically powering the unit down when lights are dimmed, not to mention the power saving made.

LCD FLAT SCREEN ACCESSORIES

VESAP&T	0255490	Vesa tilt & turn bracket 75/100mm supports monitors up to 6kg
VESA100	0255480	Vesa flush fit wall bracket 75/100mm supports TFTs up to 30kg
VESAP&T20	0291190	Vesa tilt & turn bracket 75/100mm supports monitors up to 20kg
VESAPA1	0264980	TFT Single Mount Pole Adapter
VESAPA2	0264990	TFT Double Mount Pole Adapter
VESAPA32	0339530	TFT Pole Mount Adapter for VFSM32 only
VESA32AP	0444030	Adapter plate for VESA200 wall mount bracket for 32" TFTs
VESA200	0444040	Vesa tilt & turn bracket 75, 100 & 200X100mm supports monitors
MSL-STAND	0339530	Desk Mount Stand for the Vista MSL monitors
VFSM/VESA/CB	0093650	Ceiling bracket for TFT monitor 75/100mm Vesa mount, 1 metre drop, black
VFSM/VESA/CC	0098100	Ceiling bracket for TFT monitor 75/100mm Vesa mount, 1 metre drop, cream
VFSM/VESA/WC	0096570	Wall/ceiling bracket for TFT monitor 75/100mm Vesa mount, 1 metre drop, black
VFSM-PSU	0096670	PSU for Vista wall mounted VFSM TFT monitors
VDM-TH	0276270	Girder clamp
VDM-GCe	0291100	Solid Ceiling mount

WALL MOUNT MONITOR BRACKET FOR NVM & PVD RANGE

VWB9	0091770	NVM9
VWB12	0091790	NVM12
VWB14/15	0091520	PVD15 & NVM14/15
VWB17	0091540	PVD17 & NVM17
VWB20	0091550	PVD21 & NVM20

CEILING MOUNT MONITOR BRACKET FOR NVM & PVD RANGE

VCB14/15	0091590	PVD15 & NVM14/15
VCB17	0091610	PVD17 & NVM17
VCB20	0091620	PVD21 & NVM20

WALL MOUNT MONITOR BRACKET FOR TV1400DG

VWBTV1400	0351500	TV1400

CEILING MOUNT MONITOR BRACKET FOR TV1400DG

VCBTV1400	0351490	TV1400

DELUXE CEILING MOUNT MONITOR BRACKET FOR TV1400DG

VCBTV1400DELUX1M	0351480	in Chrome Finish

DELUXE CEILING MOUNT MONITOR BRACKET FOR NVM & PVD RANGE

VCB14DEL1M	0093660	PVD15 & NVM14/15 in Chrome Finish
VCB17DEL1M	0091910	PVD17 & NVM17 in Chrome Finish
VCB20DEL1M	0091920	PVD21 & NVM20 in Chrome Finish

VCB14/15

VWB9

TV1400DG

VESAPA2

VESA100/VESA200

VDM-GCe

VESAPA1

VESA P&T

VDM-TH

CRT MONITOR RANGE

MONOCHROME MONITORS

NVM9BD	0039180	1000TVL, audio, black casing, multi standard, 4.6kg, 96-264V, 220x238x261mm
NVM9CD	0039190	1000TVL, audio, cream casing, multi standard, 4.6kg, 96-264V, 220x238x261mm
NVM12BD	0039200	1000TVL, audio, black casing, multi-standard, 7.6kg, 96-264V, 31x304x302mm
NVM12CD	0039220	1000TVL, audio, cream casing, multi-standard, 7.6kg, 96-264V, 31x304x302mm
NVM14BD	0039230	1000TVL, audio, black casing, multi-standard, 10.5kg, 96-264V, 356x333x381mm
NVM14CD	0039250	1000TVL, audio, cream casing, multi-standard, 10.5kg, 96-264V, 356x333x381mm
NVM15BD	0039270	1000TVL, audio, black casing, multi-standard, 11.2kg, 96-264V, 356x333x381mm
NVM17BD	0039290	1000TVL, audio, black casing, multi-standard, 14.4kg, 96-264V, 405x371mmx406mm
NVM20BD	0039310	1000TVL, audio, black casing, multi-standard, 19kg, 96-264V, 480x430x370mm

TV STYLE PLASTIC CASE

TV1400DG	0345650	350TVL, audio, dark grey casing, 9kg, 98-240V, 371x39x382mm

COLOUR METAL CASE WITH OSD & UNDERSCAN

PVD1550DGh	0294200	800TVL, audio x2, grey casing, multi-standard, Y/C, 15kg, 96-264V, 356x333x381mm
PVD1750DGh	0294210	800TVL, audio x2, grey casing, multi-standard, Y/C, 19.2kg, 96-264V, 405x370x406mm
PVD1950DGh	0294220	800TVL, audio x2, grey casing, multi standard, Y/C, 24.2kg, 96-264V AC, 442x405x446

COLOUR METAL CASE

PVD9DB	0324020	350TVL, audio, black casing, multi-standard, Y/C, 8.5kg, 10-240V, 227.5x220x303mm
PVD1510DG	0095300	800TVL, audio x2, graphite casing, multi-standard, Y/C, 15kg, 96-264V, 381x356x333mm
PVD1510DL	0096200	800TVL, audio x2, cream casing, multi-standard, Y/C, 15kg, 96-264V, 381x356x333mm
PVD1510DB	0095290	800TVL, audio x2, black casing, multi standard, Y/C, 15kg, 96-264V AC, 381x356x333mm
PVD1700DG	0037680	800TVL, audio x2, graphite casing, multi-standard, Y/C, 18kg, 96-264V, 406x405x371mm
PVD2100DG	0091860	550TVL, audio x2, graphite casing, multi standard, Y/C, 25kg, 96-264V, 462x480x441mm

CRT MONITOR RANGE CONT

CRT MONITORS FEATURES	DESCRIPTION
Dual standard	The monitor is dual standard accepting either PAL or NTSC video inputs.
Loop through video	This feature allows the input signal to be looped through to another piece of equipment without the use of T piece connectors.
Dual composite video inputs	The monitors accept 2 separate video inputs which can be selected individually to be displayed onto the screen.
OSD	Full on screen display assists the set up of the monitor.
Range of screen sizes	Screen sizes of 9 to 21 inch make this monitor suitable for all CCTV applications.
800TVL	Excellent High-resolution images to compliment modern 540TVL cameras and DVRs.

NVM BLACK

NVM CREAM

PVD GRAPHITE

PVD CREAM

TV1400DG

NUMBER PLATE CAPTURE CAMERAS

VNPRC6e	0446350	6m range VNPR camera including Wall bracket PSU Required
VNPRC12e	0446360	12m range VNPR camera including Wall bracket PSU Required
VNPRC18e	0446370	18m range VNPR camera including Wall bracket PSU Required
VNPRC25e	0446380	25m range VNPR camera including Wall bracket PSU Required
VNPRC35e	0446390	35m range VNPR camera including Wall bracket PSU Required
VNPRCD12e	0446400	12m VNPR Camera with Day/Night overview camera, wall bracket included requires PSU
VNPRCD18e	0446410	18m VNPR Camera with Day/Night overview camera, wall bracket included requires PSU
VNPRCD25e	0446420	25m VNPR Camera with Day/Night overview camera, wall bracket included requires PSU
VNPRCD35e	0446430	35m VNPR Camera with Day/Night overview camera, wall bracket included requires PSU
VNPRCPSUe	0446440	PSU for VNPRCe range of Number Plate recognition cameras
VNPRC-CL/WB	0310510	VNPR-CL Wall bracket
VNPRC-CL/TP	0310500	VNPR-CL Top pole
VNPRC-CL/SP	0310220	VNPR-CL Side pole
VNPRC-CL/PSU	0310230	VNPR-CL power supply

VNPR CAMERAS FEATURES	DESCRIPTION
24 Hour number plate capture	All Vista VNPR systems are designed to capture images of the number plate 24-hours a day without any need for adjustment or re-calibration. This includes both bright sunlight and night-time operation.
Ray-vision™ dual filter system	Designed specifically for Vista VNPR systems RAY-Vision™ employs cutting edge optics techniques to reduce the impact of bright sunlight and achieve high levels of ambient light rejection. RAY-Vision™ is optically matched to PLATINUM Infra-Red technology in-built into all Vista systems.
Platinum advance SMT LED technology	PLATINUM illuminators integrate cutting-edge SMT LED technology, light intensification miniature optics and an enhanced Cool Running™ thermal management system into a single high-performance LED. This results in world leading power, reliability and flexibility.
Day/Night overview	The true day/night cameras provide colour recognition of vehicles during the daytime and visable monohcrome images at night.
Intelligent flash	The in-built PLATINUM lighting technology is pulsed and synchronised with the camera to provide optimal images of the number plate. Pulsing the light intensifies the power output, further extends LED life and allows lower power consumption.

VNPR BOLLARD CAMERAS

NUMBER PLATE BOLLARD CAPTURE CAMERAS

XBH2/5	0445430	XBH2 bollard style 5m NPR camera c/w IR light & PSU
XBH2/7	0445440	XBH2 bollard style 7m NPR camera c/w IR light & PSU
XBH2/12	0445450	XBH2 bollard style 12m NPR camera c/w IR light & PSU

XBH2 VNPR BOLLARD CAMERA RANGE

Sensor	1/3" CCD
Resolution	580TVL
Sensitivity	0.03 lux
Power Supply	240V AC
Power Consumption	5 Amps
Lens	5-50mm
Illumination	850nm, 30deg 30m range
Material	Steel
Operating Temperature	-10 to +50ÐC
Colour	RAL 9005 (Black)
Dimension	900 x 350 x 350
Weight	20Kg

XBH2 VNPR BOLLARD CAMERA RANGE FEATURES	DESCRIPTION
Camera mounted 18" from ground	Mounted at only 18" from the ground the camera is ideal for capturing vehicle number plates at short distances, such as barriers, in so doing number plates will not be missed due to tailgating.
24hr operation	The built-in monochrome camera and infra red illuminator allows for 24-hour operation in varying lighting and weather conditions.
Three camera options	There are three camera options in the range, 5m (read range 3 - 5m), 7m (read range 5 - 7m) & 12m (read range 7 - 12m), this gives the installer the flexibility in mounting the bollard, the optimum distance behind the barrier is 2m.
Works with 98% of all UK number plates	All non-military vehicle use infra red retro-reflective number plates. The lighting and filtering technologies found in the Vista Bollard cameras over come issues such as headlight glare and allow the camera to concentrate on reading the number plate. For military plates please contact your account manager.
Adjustable camera angles	An adjustable camera angle is essential as not all installations can occur on level ground.
Tough discreet housing	The 0.9mm steel housing is only 90cm high, giving it a low profile so that it is not physically and visually obtrusive.

VNPR KITS

VNPR KITS

VNPRKIT-8	0445880	1 lane number plate recognition kit inc: Controller, 8m camera with wall bracket, Software license
VNPRKIT-12	0445890	1 lane number plate recognition kit inc: Controller, 12m camera with wall bracket, Software license
VNPRKIT-18	0445900	1 lane number plate recognition kit inc: Controller, 18m camera with wall bracket, Software license
VNPRKIT-UG-8	0445910	2nd Lane software license for VNPRKIT 8, 12 or 18, including 8m camera with wall bracket.
VNPRKIT-UG-12	0445920	2nd Lane software license for VNPRKIT 8, 12 or 18, including 12m camera with wall bracket.
VNPRKIT-UG-18	0445930	2nd Lane software license for VNPRKIT 8, 12 or 18, including 18m camera with wall bracket.

VNPRKIT FEATURES	DESCRIPTION
Live monitoring of traffic flow with data base links:	The PC will compare reads to a pre-loaded database, this info can be used to open barriers if person is known (e.g. employee), or can sound alarms in the case of drive-off offenders on petrol forecourts.
Historical review of information:	TherReview side of the software allows searches to be done against times, plates, dates, lanes and categories. This information can be presented as reports.
Output to LED signs:	When particular plate or category is read, a message can be displayed on an Led sign. E.g. "Welcome Mr Smith please report to reception".
Log of all traffic movements with images:	The system will store images of all vehicles that are read, this allows definite identification in the case of a dispute.
Car park control:	In areas where car park spaces are scarce a barrier can be controlled to only allow access to authorised persons.
Available in three camera (distance options)	There are three camera options available covering read ranges from 8, 12 & 18m.

KEY FEATURES - VISTA BASE LITE CONTROLER

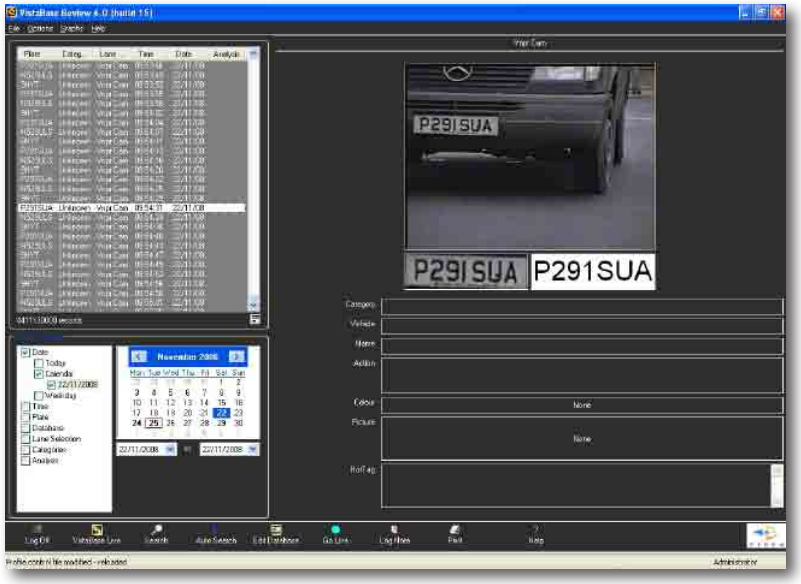
- Logs all vehicles in and out with images
- Alerts staff to vehicles of interest
- Multinational plates recognised simultaneously
- Utilises template matching for consistent reliability
- Audit trail and password protection
- Time and attendance
- Increase gatehouse efficiency
- Output message to LED signs
- Allow you to easily see how many deliveries a certain vehicle has made
- Interface with Triplex DVR
- Option to network (link) multiple units - Protos Ruggedised Unit only

VNPR PROTOS CONTROLLERS

VNPR1P	0310370	Single lane VNPR controller, 1 x JG401, c/w relay
VNPR2P	0310380	2 lane VNPR controller, 1 x JG401 c/w relay
VNPR3P	0310390	3 lane VNPR controller, 1 x JG401 and 2 x JG201, c/w relay
VNPR4P	0310400	4 lane VNPR controller, 1 x JG401 and 2 x JG201, c/w relay

VNPR PROTOS SYSTEMS

FEATURES	DESCRIPTION
Connection to cental server	The Protos controllers can connect to a central server over a network, this allows the user to maintain one data base for multiple sites. Plus interegate multiple untis from a single position.
Multiple lanes	The Protos systems can handle up to 4 lanes on one PC , Lites are only 2 lane units.
Scarab interface	Allows connection to police Project Spectrum interface.
Remote alarms	Will allow remote alarms to be triggered at a central server.
Car park option	Will allow the system to display the number of cars in a car park and the number of spaces left.
Appearance	The layout of the user interface can be individually tailored to suit the end-users needs.
Faster grabber card	Allows more lanes to capture faster moving traffic.



VNPR SOFTWARE

VNPR PROTOS ADD-ON MODULES

VNPRPSERVER	0340480	2003 Server up to 24 Clients
VNPRPSMS	0097130	Protos SMS software and hardware interface
VNPRPLED	0097150	Protos LED software interface

REMOTE SOFTWARE

VistaOnline Exp	0442440	Vista VNPR Single User Dial Up Software
VistaOnline Exp +1	0442450	Vista VNPR Dual User Dial Up Software
VistaOnline Exp +2	0442460	Vista VNPR Three User Dial Up Software

ANNUAL SOFTWARE MAINTENANCE

VNPR1SSU	0310410	1 Lane annual software maintenance
VNPR2SSU	0310420	2 Lane annual software maintenance
VNPR3SSU	0310430	3 Lane annual software license fee
VNPR4SSU	0310440	4 Lane annual software maintenance

VISTA ON-LINE FEATURES	DESCRIPTION
Vista On-Line	This is a web-based ANPR browsing and editing system that allows local network or remote users to log onto a central ANPR system using a standard Web Browser such as Microsoft Explorer™.
Three sections to Vista On-Line	VistaBook, VistaLog and VistaAnalysis.
VistaBook, remote access to driver and vehicle database	The operator can add, edit or delete records from the database or import other databases. Multiple users within an organisation can log on at the same time to add records for new employees or add expected visitors so that the remote ANPR system allows them access to a site.
VistaLog, for historical details of all captured vehicles.	VistaLog initially displays all results in a chronological list. More detailed searches can use the following criteria; date, exact time, plate or partial plate and categories.
VistaAnalysis	The VistaAnalysis section of Vista ON-Line, allows the user to search through the ANPR data and perform various analyses such as calculating hourly volumes of traffic, or highlighting frequent visitors. The results are displayed graphically.

VISTA ON-LINE

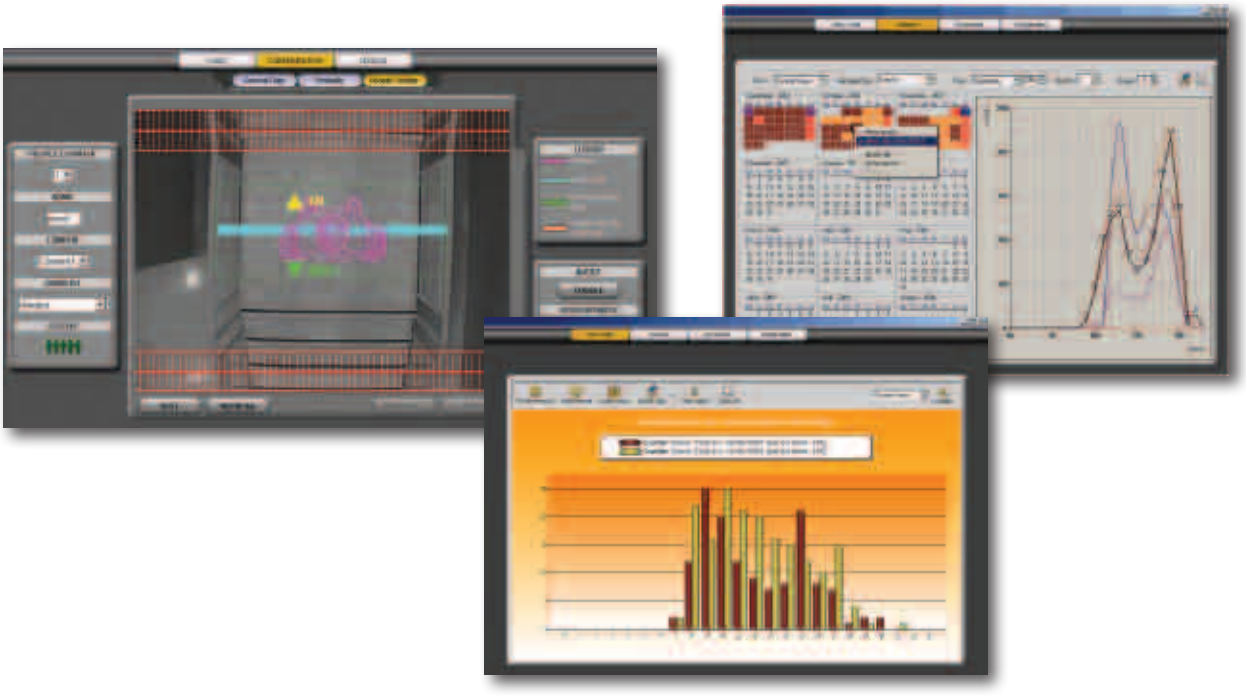
SQL	Microsoft SQL Server 2005
Vehicle Records	Added and edited
Web Browser	Tested using Microsoft Internet Explorer 6 & 7 Mozilla FireFox 1 & 2
User Licences	Single or multiple user packs available
Dongle	Dongle specific.

VICOUNT PEOPLE COUNTER

VICOUNT PEOPLE COUNTER

VIC22Le	0397060	2 Camera people counter
VIC83R-120	0259900	8 Camera people counter
VIC165R-120	0259910	16 Camera people counter

VICOUNT FEATURES	DESCRIPTION
Counting data for video surveillance and control of operations	ViCount allows operators to make virtual visits to sites and find out how many visitors they are getting, on which days and at what hours, thus allowing them to adjust staff numbers accordingly. Improving a businesses efficiency, improves a businesses profitability.
Not just for security	The ViCount (People Counter) is designed primarily for the retail sector or any premises that is open to the public. The counting of people helps improve the flow of information by studying people flow, doing trend analysis, optimising personnel usage and marketing effectiveness.
Virtual barriers	The ViCount units do not require physical barriers or additional equipment. The counting of people is done through the analysis of the images viewed by a camera located above the selected area.
Data access	Access to the data is performed either locally or remotely via a networked PC with Internet Explorer in a secure manner.
ViCountGraph software	ViCountGraph is a graphical representation software for the counting of data obtained by the ViCount units. The data can be downloaded manually on request or automatically at a pre-programmed time.
Graphical representation	The software offers a wide range of graphs which permit the easy and fast creation of presentations, comparing different time periods for the same unit or the same periods for different units etc. The software also offers various trend analysis tools to clearly view client traffic distribution amongst different premises.



DESK TOP VIDEO SWITCHERS AND QUADS

VS042	0315850	Switcher 4 way 2 monitor 15V AC 210x48x195mm
VS042A	0315860	Switcher 4 way 2 monitor with alarms 15V AC 210x48x195mm
VS082	0315870	Switcher 8 way 2 monitor 15V AC 210x48x195mm
VS082A	0315880	Switcher 8 way 2 monitor with alarms 15V AC 210x48x195mm
VQCM4	0310570	Real-time, colour quad processor with motion detection alarm inputs, 320x150x60mm

VS SWITCHER RANGE FEATURES	DESCRIPTION
Microprocessor based	The integral microprocessor allows simple user-programming for all features, with direct independent feature set up such as individual alarm on/off, facilitating flexible and intuitive operation.
2 independent video outputs	Each output has a separate sequence option to allow for different cameras to be displayed on different monitors or sent to recording sequences.
Alarm input options with buzzer notification	The switchers have N/O-N/C alarm inputs that can be configured on a per-camera basis with internal buzzer notification.
Alarm output	This allows for the automatic triggering of recording devices such as DVRs and further audible and visual notification devices.
Alarm reset mode	On alarm reset, the operator has the choice of viewing the normal operation or the last alarmed image.

VQCM4 FEATURES	DESCRIPTION
Accept both colour and monochrome cameras	This unique ability amongst quads gives both correct colour and monochrome images, this includes true day/night cameras, unlike some DVR's that try to give monochrome images colour as they are looking for the "Colour Burst".
Accepts either PAL or NTSC signals.	This means both PAL or NTSC cameras are useable, resulting in customers not have to worry about stocking too many products lines.
Exceptionally fast response time	This high refresh rate means that the operator sees "Real-Time" images.
Separate VCR and monitor outputs	The separate outputs for both the monitor and VCR is highly effective allowing the operator to view a Single, Sequential, PIP or Quad images while recording the required quad images, unlike most of the quads on the market, that record what you view.
Motion detection	Unlike most quads the VQCM4 has a per camera built-in motion detection that can trigger the VCR to record as if in alarm mode.

VS082A

VQCM4

EXTERNAL PIR DETECTORS

EXTERNAL PIR MOTION DETECTION

VID-W10L040	0404370	External PIR Detector 10m x 40m 12/24V
VID-W30L050	0404380	External PIR Detector 30m x 50m 12/24V
VID-W03L040	0404390	External PIR Detector 03m x 40m 12/24V
VID-W03L100	0404400	External PIR Detector 03m x 100m 12/24V
VID-W20L030	0404420	External PIR Detector 20m x 30m 12/24V
VID-WT	0404440	Cordless walk tester for the VID range
VID-PA	0404450	Pole mount adapter for the VID External PIR range

VID DETECTORS FEATURES	DESCRIPTION
Anti tamper protection	When the detector is set up it's alignment is automatically stored. Moving the detector's position will trigger the advanced anti-vandal features and the detector will issue a tamper alarm.
Adaptive threshold discrimination	Reduces the number of nuisance alarms by constantly averaging and adjusting the threshold.
Double curtain coverage	The deferential sensor eliminates unwanted alarms by rejecting any signal received simultaneously by the two curtain sensors.
Designed for mounting > 2.5m	The detector is desiged to be mounted above 2.5m making it secure from inteferance.
Internal protection	The internal tamper switch will alarm when the detector's case is opened.
Stand-alone passive IR detector	Provides cheaper and simpler installation and alignment.
Internal temperature compensation	This prevents condensation and ensures reliable operation under extreme weather conditions.
Computer designed optical system	Provides excellent uniformity in coverage over the full detection range.
Walk tester	The Optional Walk tester ensures that the installer has aligned the detector correctly with the cameras view.

VID DETECTORS

Detection Range	30, 40, 50 and 100m model dependant
Detection Width	3, 10, 20 & 30m model dependant
Blind Area	Minimal
Mounting Height	From 2.5 - 4m
Advanced Tamper Detection	Yes
Front Window	PE Filter, IR Transmissive
Sensor	Pyroelectric, differential single channel
Power Consumption	18mA
Power	10.5 - 30V DC / 24V AC
Wall Bracket	Integrated
Pole Mount	Optional
Walk Tester	Optional

CABLE, CONNECTORS AND ANCILLARIES

CABLES

URM70/100	0037530	100m of URM70 stranded core coaxial cable
URM70/200	0037560	200m of URM70 stranded core coaxial cable
RG59U/100	0002180	100m of RG59U solid core coaxial cable (solid copper)
RG59U/200	0002200	200m of RG59U solid core coaxial cable (solid copper)

SYSTEM ANCILLARIES

VBNC	0442930	BNC CRIMP RG59 & URM70
VBNC100	0442940	BOX OF 100 x BNC CRIMP FOR RG59 & URM70
HUMBAR	0037400	Ground loop isolation transformer
VVDA104	0346300	1 In/ 4 out VDA 230V
VVDA204	0315900	2 In/ 4 out (1 in/8 out) VDA 230V
VVDA408	0315890	2 In/ 4 out (4 in/2 out) VDA 230V

TEST EQUIPMENT

HVLM	0035900	Hand held video level meter, self calibrating video 100% sync & burst, audio, LCD meter display
VTM04C	0310580	4" Colour test monitor 2 BNC input and 2 audio inputs 12V DC and battery

VTM04C

VVDA408

HVLM

VBNC

BRACKETS FOR CRT MONITORS

WALL MOUNT MONITOR BRACKET FOR NVM & PVD RANGE

VWB9	0091770	NVM9
VWB12	0091790	NVM12
VWB14/15	0091520	PVD15 & NVM14/15
VWB17	0091540	PVD17 & NVM17
VWB20	0091550	PVD21 & NVM20

CEILING MOUNT MONITOR BRACKET FOR NVM & PVD RANGE

VCB14/15	0091590	PVD15 & NVM14/15
VCB17	0091610	PVD17 & NVM17
VCB20	0091620	PVD21 & NVM20

WALL MOUNT MONITOR BRACKET FOR TV1400DG

VWBTV1400	0351500	TV1400

CEILING MOUNT MONITOR BRACKET FOR TV1400DG

VCBTV1400	0351490	TV1400

DELUXE CEILING MOUNT MONITOR BRACKET FOR TV1400DG

VCBTV1400DELUX1M	0351480	Chrome Finish

DELUXE CEILING MOUNT MONITOR BRACKET FOR NVM & PVD RANGE

VCB14DEL1M	0093660	PVD15 & NVM14/15 Chrome Finish
VCB17DEL1M	0091910	PVD17 & NVM17 Chrome Finish
VCB20DEL1M	0091920	PVD21 & NVM20 Chrome Finish

VCB14/15

VCBTV1400

VCBTV1400
DELUSC1.M

VCB14DEL1M

VCB14/15

VWB9

BRACKETS FOR TFT MONITORS

Wall Mount Flush
VESA100 0255480
75/100mm up to 30kg no tilt

Wall Mount Adjustable
VESAP&T 0255490
75/100mm up to 6kg with tilt adjustment

Wall Mount Adjustable - Heavy
Duty VESAP&T20 0291190
75/100mm up to 20kg with tilt adjustment

Solid Ceiling

TOP HAT 0251750

Ceiling Mount

Girder

TEB004 0249130

VCBDEL2M 0092210 Chrome Finish
Note - Each pole is 2m in length and is supplied with a coupler.

VCBTV1400

VCB14DEL 1M

BRACKETS FOR VVRD22 & VPDL-5 DOMES

Wall Mount
VVRDL-WM 0363520
RAL 7035

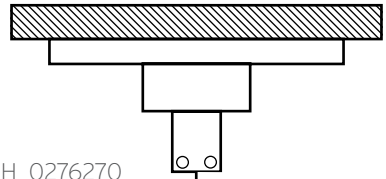
Fixed Pendant Mount
VVRDL-PM 0262530 RAL 7035

Corner Mount
VPDL-WM 0363520 in RAL 7035 +
VDM-CMAe 0310250 in RAL 7035

VDM-EPMAe

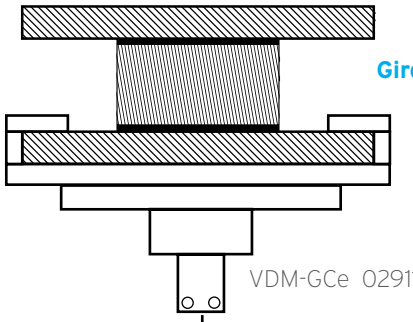
Internal Pendant Mount

Solid Ceiling



VDM-TH 0276270

Girder

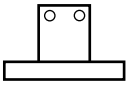


VDM-GCe 0291100

VDM-2MP 0276240

VDM-C 0276250

VDM-2MP 0276240



VDM-PA-L0291180

Tower Mount
VDM-TM 0094180 + VDM-TML
(0443140)

Note - The 2m Pole can be cut to size. If a size greater than 2m is required use a coupler (VDM-C) to connect 2 x VDM-2MPs

VDM-TML

VVRD22 or VPDL-5

BRACKETS FOR VFD DOMES

Wall Mount
VFD-WBB 0096620
VFD-WBW 0096610

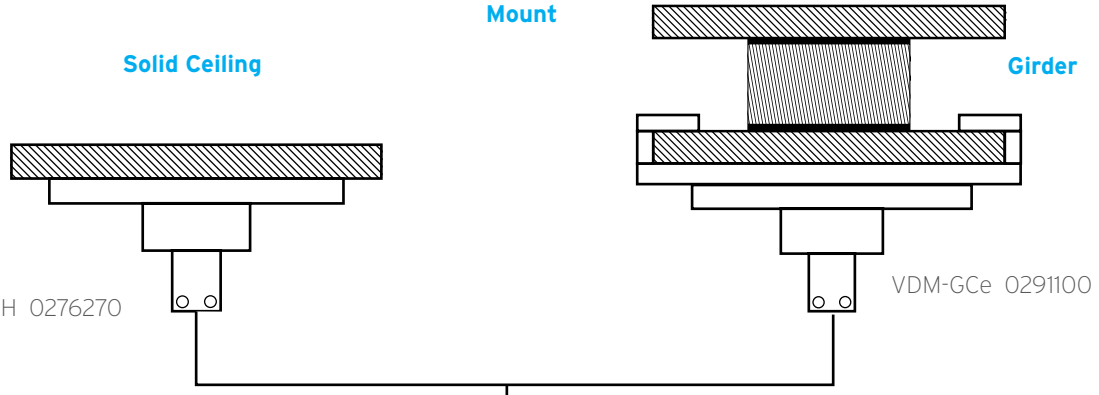
Fixed Pendant Mount
VFD-PBW 0155090
The image is only representative

Quick Fix Adapter
VFD/VIRD3V9QFIX 0393920

Internal Pendant Mount

Solid Ceiling

Girder



VDM-TH 0276270

VDM-GCe 0291100

VDM-2MP 0276240

VDM-C 0276250

VDM-2MP 0276240

VDM-PA-VFD 0300860

Note - The 2m Pole can be cut to size. If a size greater than 2m is required use a coupler (VDM-C) to connect 2 x VDM-2MPs

VFD Dome

BRACKETS FOR VVRD & VPD4 DOMES

VDM-EPMAe

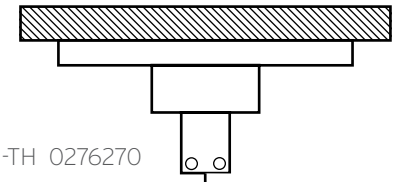
Wall Mount
VVRD-WB 0098620
RAL 7035
VVRD-WB/B 0325320
Black

Fixed Pendant Mount
VVRD-PB 0098630 RAL 7035
VVRD-PB/B 0342620 Black

Corner Mount
VDM-CMAe 0310250 in RAL 7035

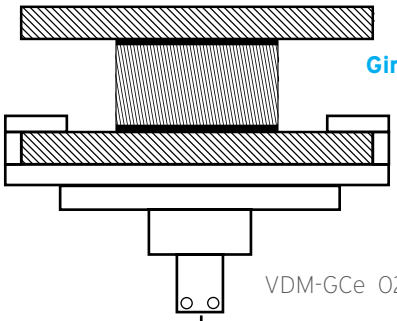
Internal Pendant Mount

Solid Ceiling

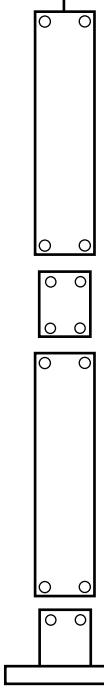


VDM-TH 0276270

Girder



VDM-GCe 0291100



VDM-2MP 0276240

VDM-C 0276250

VDM-2MP 0276240

VDM-PA-L 0291180

Tower Mount
VDM-TM 0094180 + VDM-TML (0443140)

Note - The 2m Pole can be cut to size. If a size greater than 2m is required use a coupler (VDM-C) to connect 2 x VDM-2MPs

VDM-TML

VVRD or VPD4

BRACKETS FOR VPD POWERDOMES

VDM-EPMAe

Wall Mount
All domes are supplied with a wall bracket

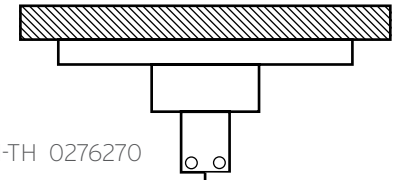
Fixed Pendant Mount

VPD-P250	0094160	250mm
VPD-P500	0094150	500mm
VPD-P1000	0094140	1M
VPD-P2000	0095040	2M

Corner mount adapter
Standard wall bracket +
VDM-CMAe 0310250 in RAL7035

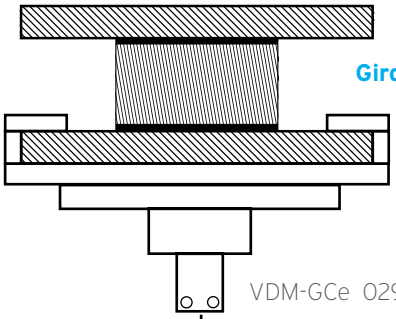
Internal Pendant Mount

Solid Ceiling



VDM-TH 0276270

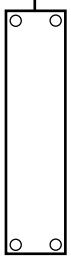
Girder



VDM-GCe 0291100

External swing arm mount

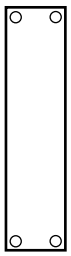
External pole mount adapter



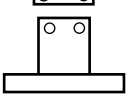
VDM-2MP 0276240

Note - The 2m Pole can be cut to size. If a size greater than 2m is required use a coupler (VDM-C) to connect 2 x VDM-2MPs

VDM-C 0276250



VDM-2MP 0276240



VDM-PA-PD 0276230

Tower Mount
VDM-TM 0094180

External roof mount
VPD-ERM

PowerDome2

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vista-cctv.com

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